

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL072715\
 Data File : VL025759.D
 Acq On : 27 Jul 2015 18:55
 Operator : SY/MD
 Sample : G3092-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-I

Quant Time: Jul 28 01:02:31 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	813004	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	2104580	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2412827	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	1962680	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

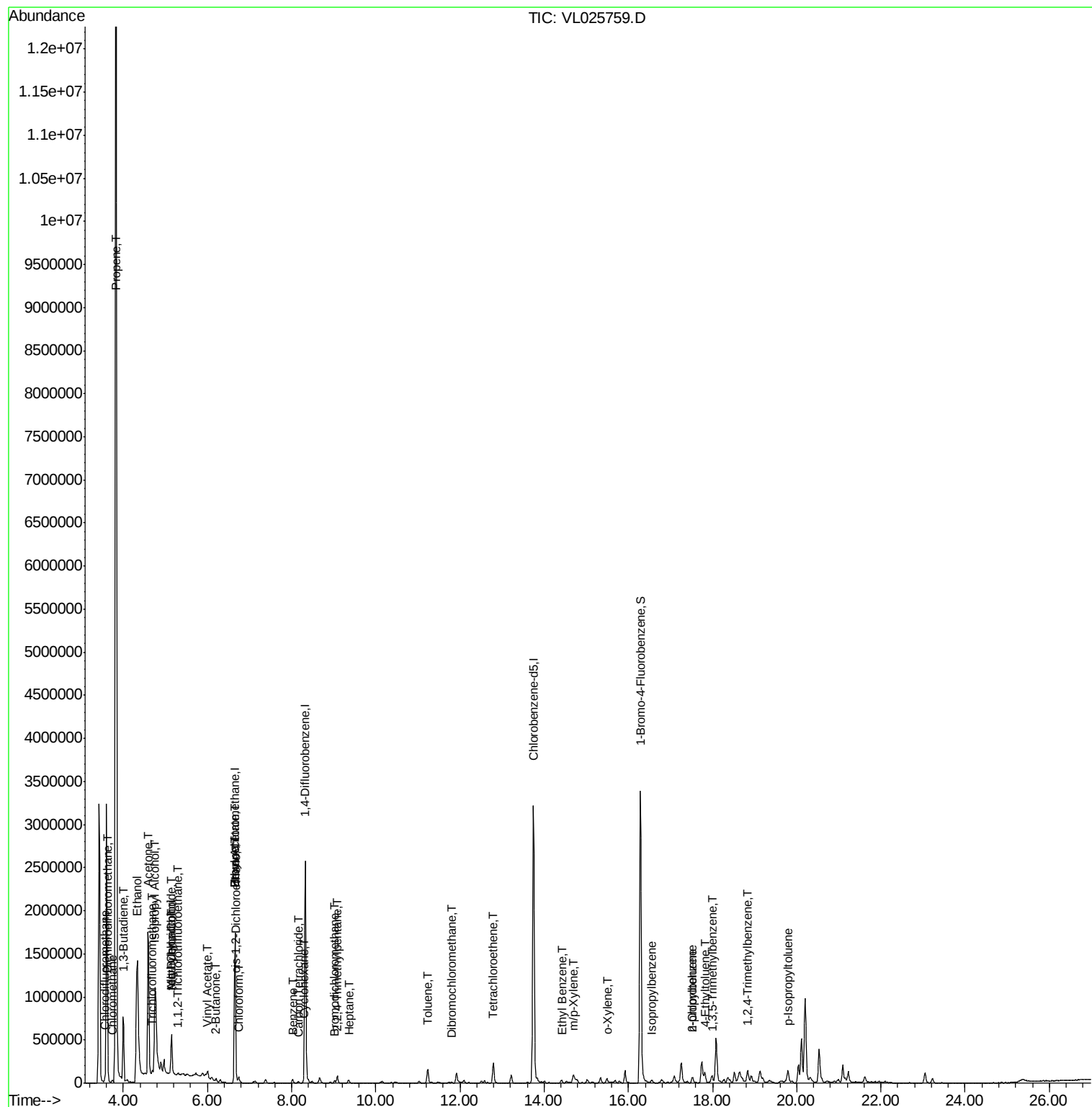
Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.64	85	36102	0.17	ppbv	93
3) Chlorodifluoromethane	3.57	51	70267	0.61	ppbv	90
4) Chloromethane	3.75	50	30776	0.59	ppbv	98
9) Propene	3.82	41	10560902	277.44	ppbv	86
10) Heptane	9.36	43	17338	0.12	ppbv #	84
11) Trichlorofluoromethane	4.70	101	45583	0.17	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	5.30	101	8236	0.05	ppbv	98
13) Ethanol	4.33	45	3054010	516.02	ppbv	99
15) Acetone	4.59	43	2150785	14.98	ppbv	97
16) 1,3-Butadiene	4.00	39	154252	2.70	ppbv #	16
17) tert-Butyl alcohol	5.15	59	42446	0.35	ppbv	97
19) Isopropyl Alcohol	4.76	45	2306816	40.24	ppbv #	98
20) Methylene Chloride	5.15	84	192826	3.30	ppbv	97
21) Allyl Chloride	5.15	41	24586	0.27	ppbv #	79
23) Vinyl Acetate	6.00	43	102067	0.47	ppbv #	60
25) Ethyl Acetate	6.66	43	92274	0.42	ppbv #	92
26) Hexane	6.65	57	102185	1.00	ppbv #	56
29) Chloroform	6.74	83	46436	0.23	ppbv	98
30) Cyclohexane	8.29	84	6452	0.07	ppbv #	18
31) cis-1,2-Dichloroethene	6.68	61	3247	0.03	ppbv #	27
34) 2-Butanone	6.20	43	48290	0.40	ppbv	98
35) Carbon Tetrachloride	8.16	117	11592	0.05	ppbv	93
36) Benzene	8.02	78	31195	0.15	ppbv	94
42) Bromodichloromethane	9.02	83	18245	0.09	ppbv #	87
44) 2,2,4-Trimethylpentane	9.09	57	69043	0.20	ppbv #	78
48) Dibromochloromethane	11.80	129	7898	0.04	ppbv	99
52) Tetrachloroethene	12.80	164	68307	0.68	ppbv	93
53) Toluene	11.24	91	129176	0.46	ppbv	97
58) Ethyl Benzene	14.42	91	34467	0.09	ppbv	90
59) m/p-Xylene	14.69	91	98032	0.28	ppbv	99
60) o-Xylene	15.49	91	42161	0.11	ppbv	100
62) Isopropylbenzene	16.55	105	15157	0.03	ppbv	94
64) n-propylbenzene	17.52	120	14386	0.11	ppbv	76
69) p-Isopropyltoluene	19.79	119	89848	0.16	ppbv	95
71) 2-Chlorotoluene	17.52	91	72826	0.20	ppbv #	44
72) 4-Ethyltoluene	17.82	105	112988	0.27	ppbv	97
73) 1,3,5-Trimethylbenzene	17.99	105	54714	0.13	ppbv	99
74) 1,2,4-Trimethylbenzene	18.83	105	103427	0.23	ppbv #	67

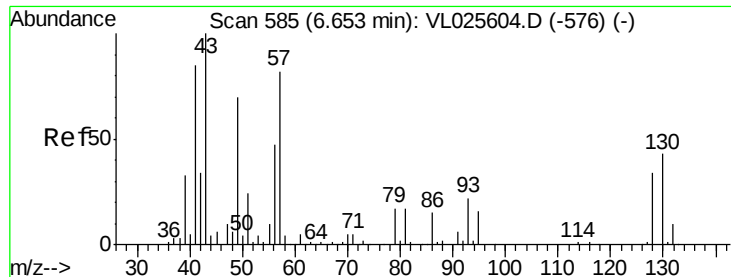
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL072715\
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Instrument :
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ClientSampleId :
A-217-I

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Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.00 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

A-217-I

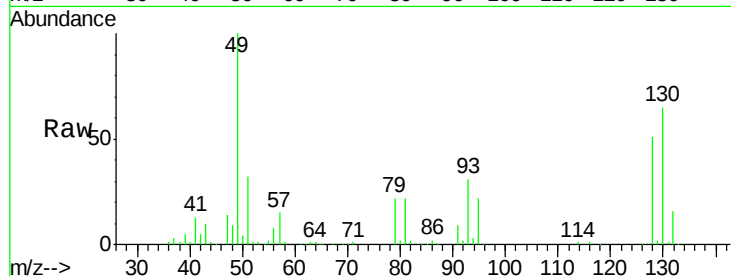
Tot Ion: 49 Resp: 813004

Ion Ratio Lower Upper

49 100

128 51.1 25.4 76.0

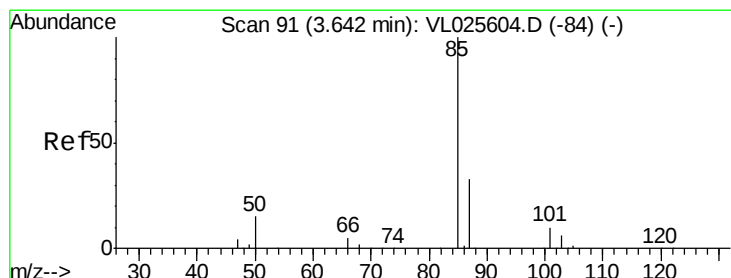
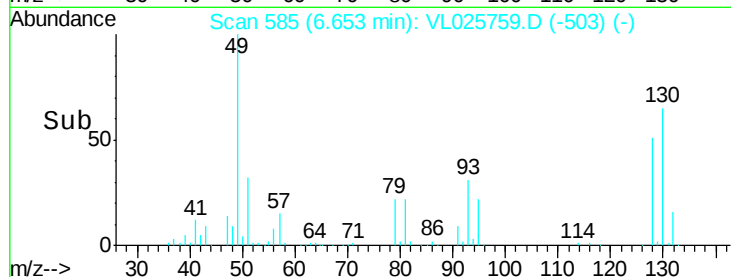
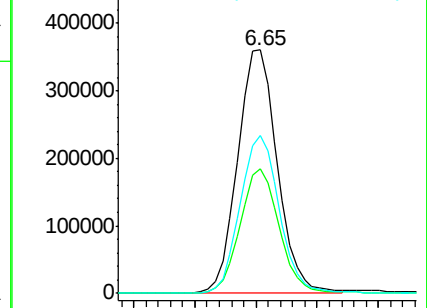
130 64.7 31.9 95.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.17 ppbv

RT: 3.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VL025759.D

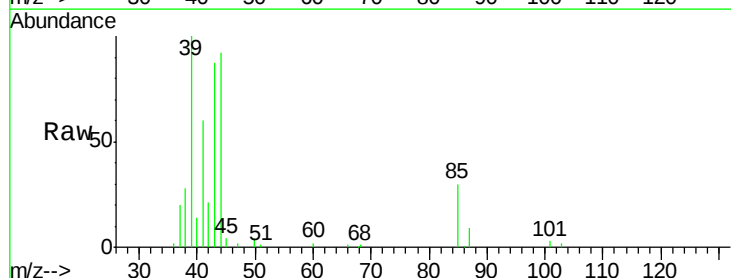
Acq: 27 Jul 2015 18:55

Tgt Ion: 85 Resp: 36102

Ion Ratio Lower Upper

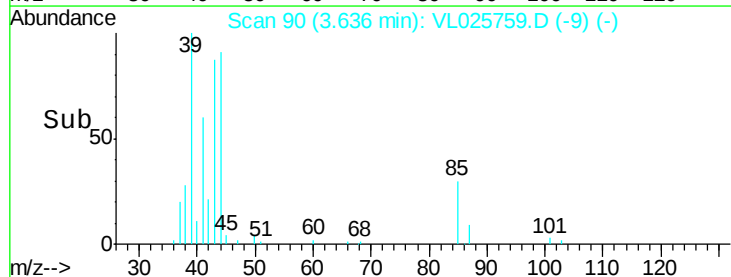
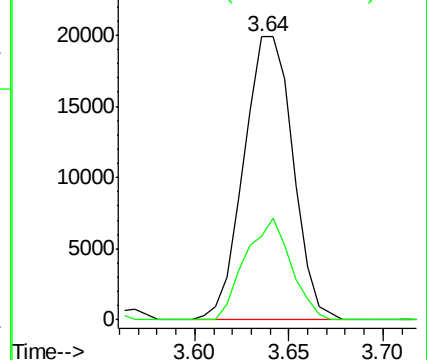
85 100

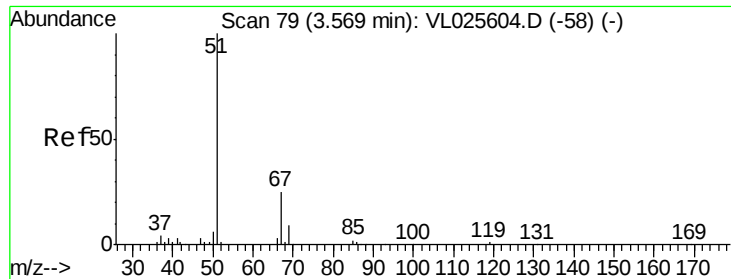
87 29.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.61 ppbv

RT: 3.57 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

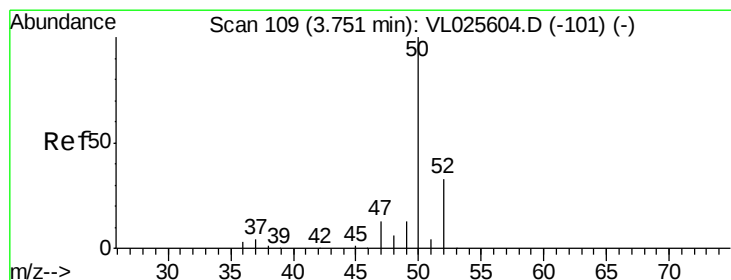
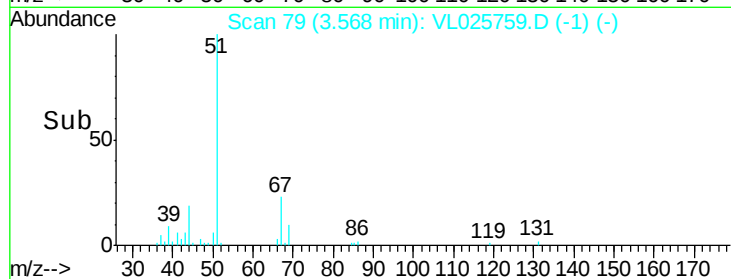
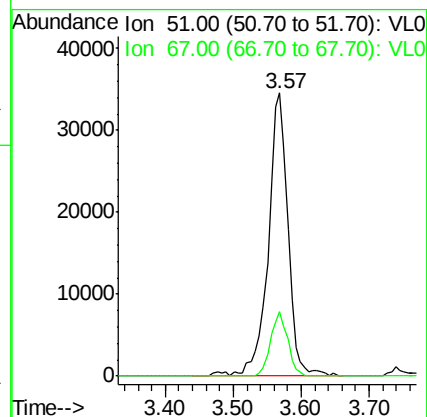
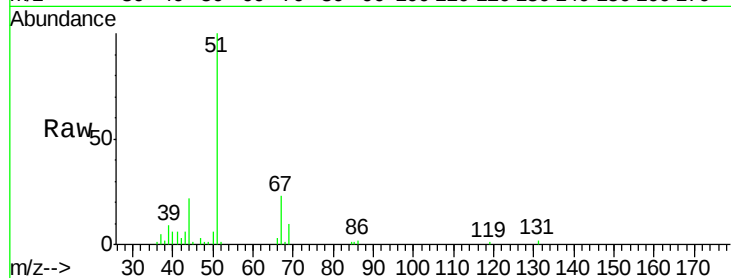
A-217-I

Tot Ion: 51 Resp: 70267

Ion Ratio Lower Upper

51 100

67 19.5 19.5 29.3



#4

Chloromethane

Concen: 0.59 ppbv

RT: 3.75 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL025759.D

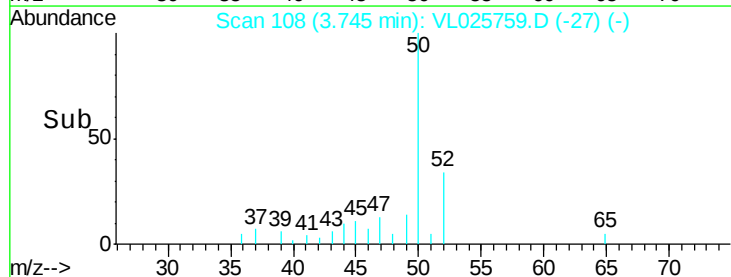
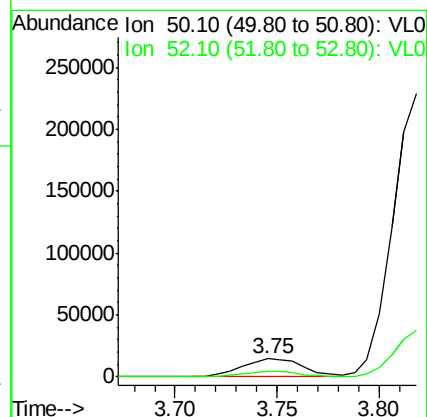
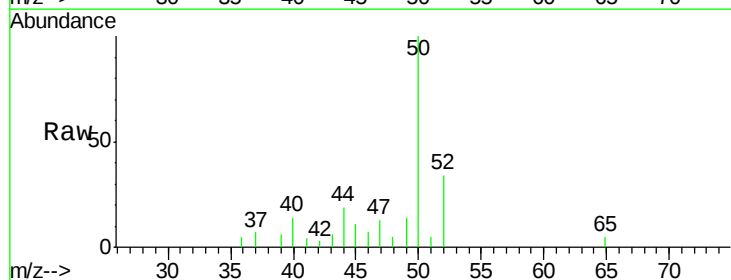
Acq: 27 Jul 2015 18:55

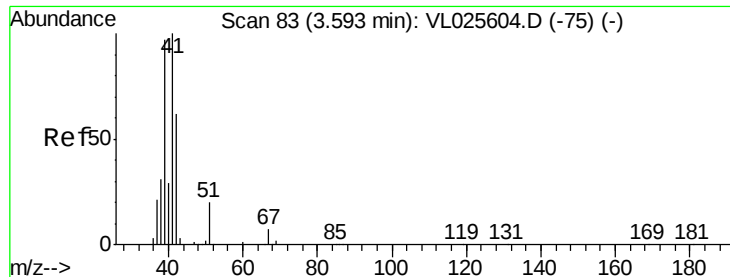
Tgt Ion: 50 Resp: 30776

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.2





#9

Propene

Concen: 277.44 ppbv

RT: 3.82 min Scan# 120

Delta R.T. 0.23 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

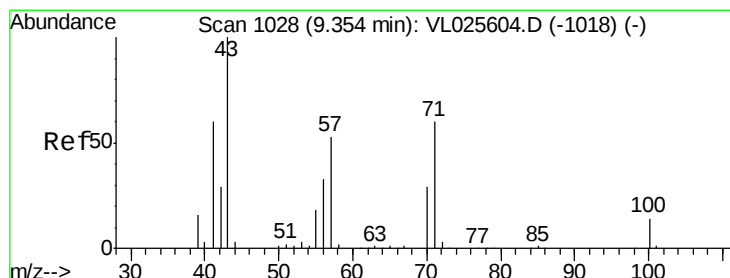
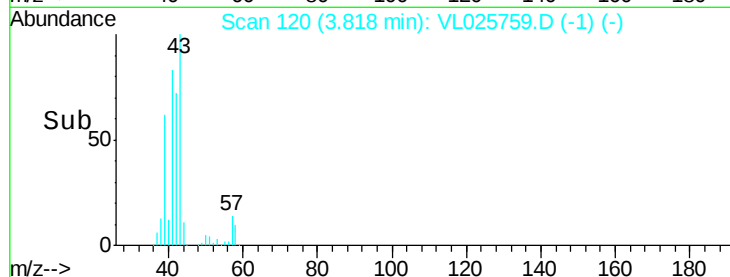
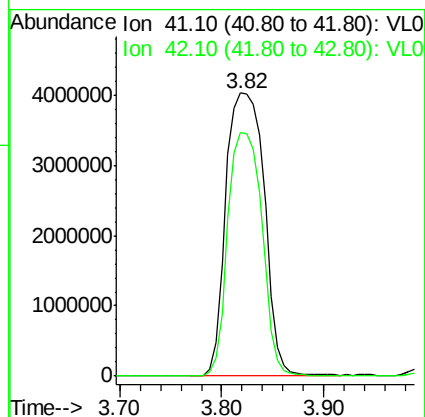
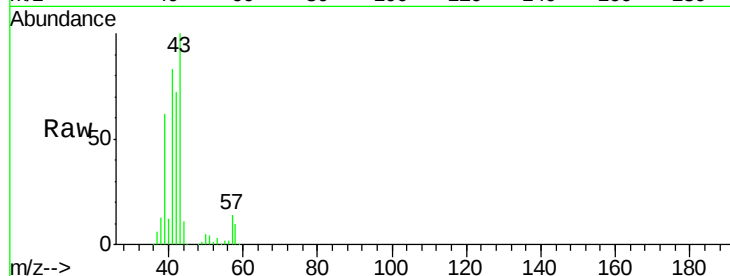
A-217-I

Tot Ion: 41 Resp:10560902

Ion Ratio Lower Upper

41 100

42 76.3 52.4 78.6



#10

Heptane

Concen: 0.12 ppbv

RT: 9.36 min Scan# 1029

Delta R.T. 0.01 min

Lab File: VL025759.D

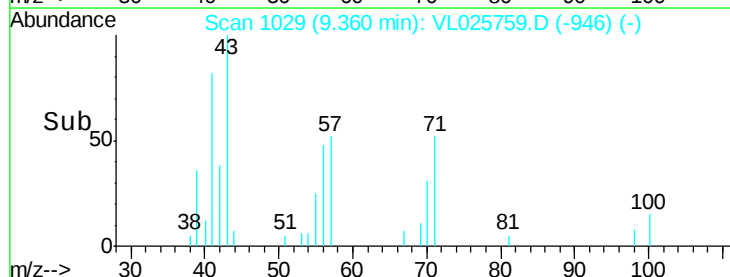
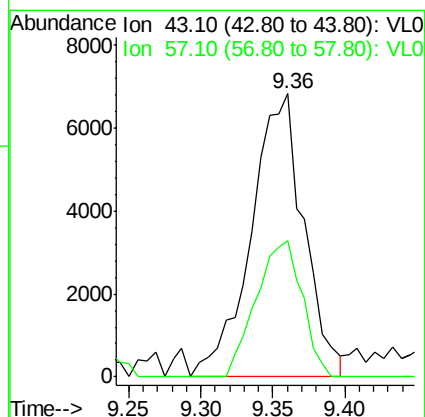
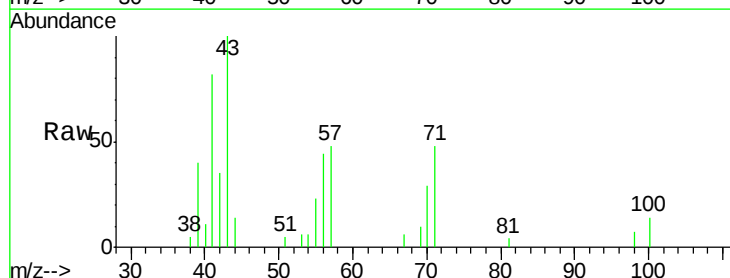
Acq: 27 Jul 2015 18:55

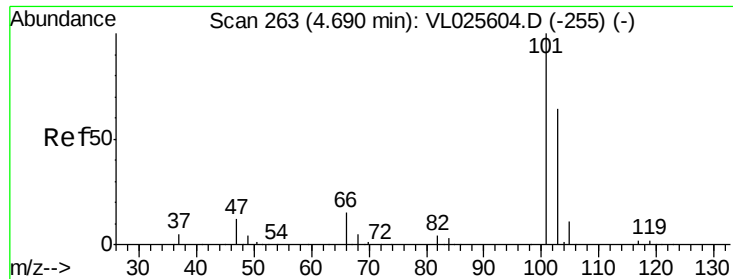
Tgt Ion: 43 Resp: 17338

Ion Ratio Lower Upper

43 100

57 41.9 42.6 64.0#

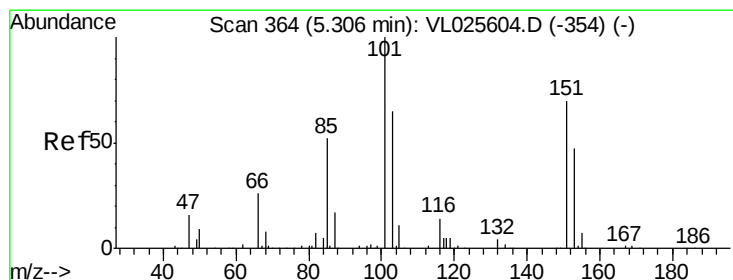
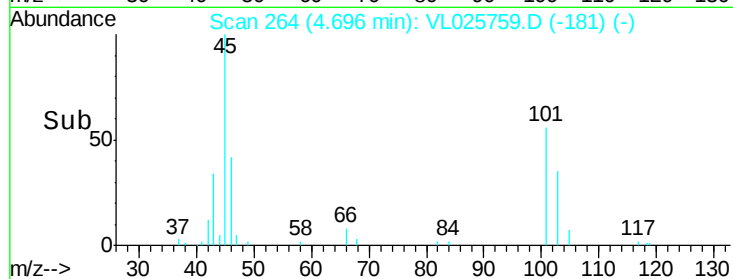
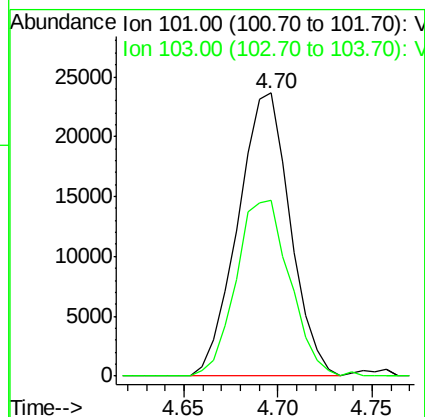
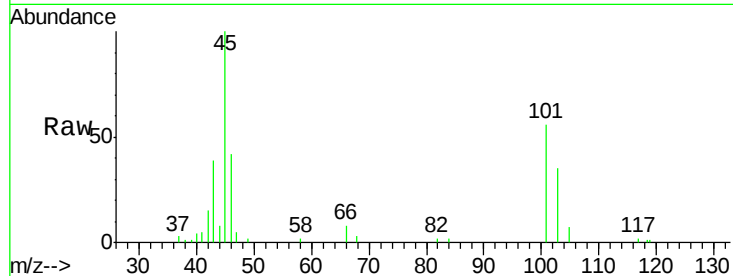




#11
 Trichlorofluoromethane
 Concen: 0.17 ppbv
 RT: 4.70 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

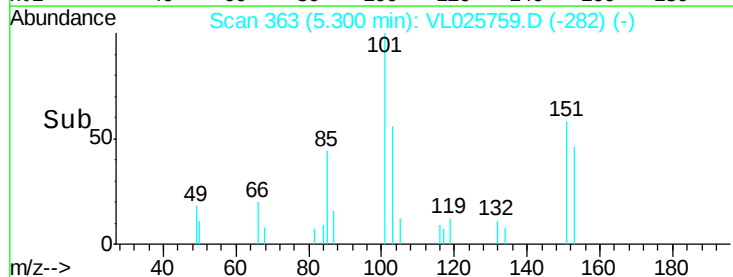
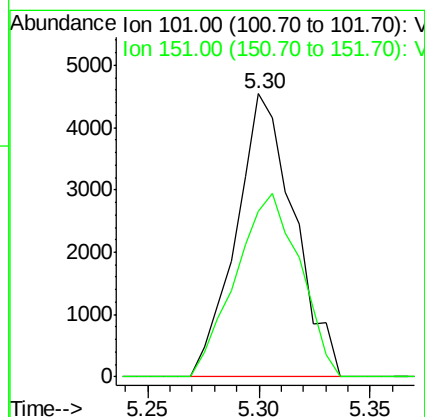
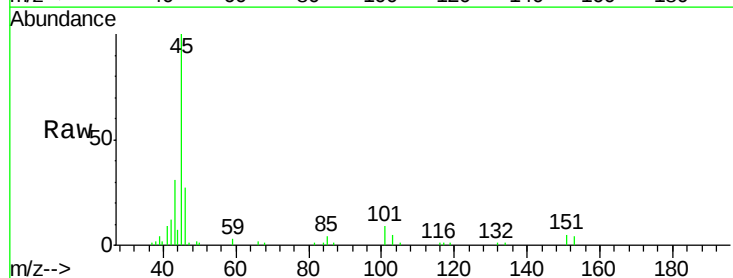
Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-I

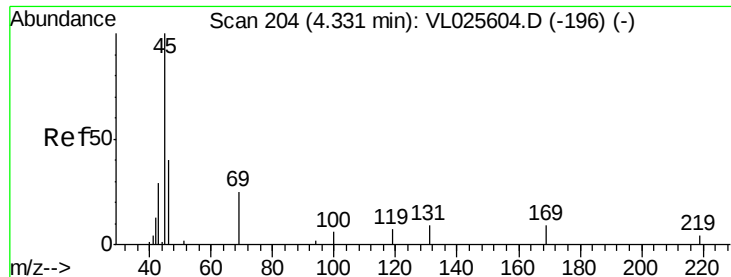
Tot Ion:101 Resp: 45583
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.05 ppbv
 RT: 5.30 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Tgt Ion:101 Resp: 8236
 Ion Ratio Lower Upper
 101 100
 151 71.7 56.3 84.5





#13

Ethanol

Concen: 516.02 ppbv

RT: 4.33 min Scan# 204

Delta R.T. -0.00 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

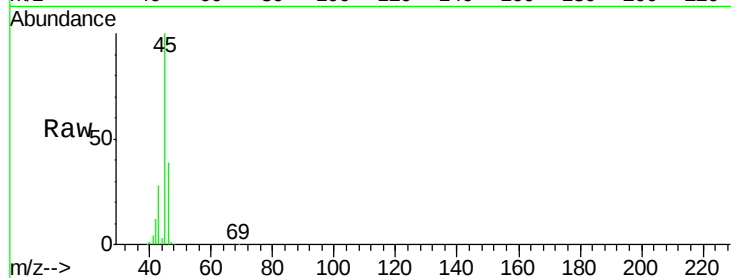
A-217-I

Tot Ion: 45 Resp: 3054010

Ion Ratio Lower Upper

45 100

46 39.6 16.0 64.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

4.33

800000

600000

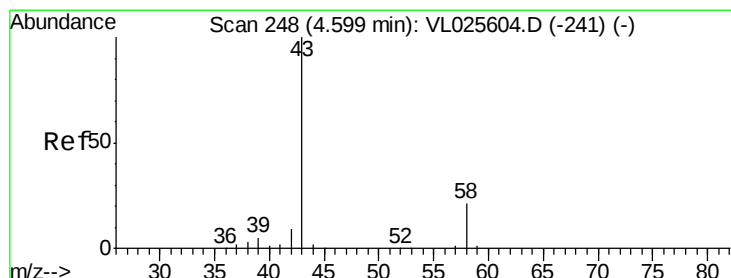
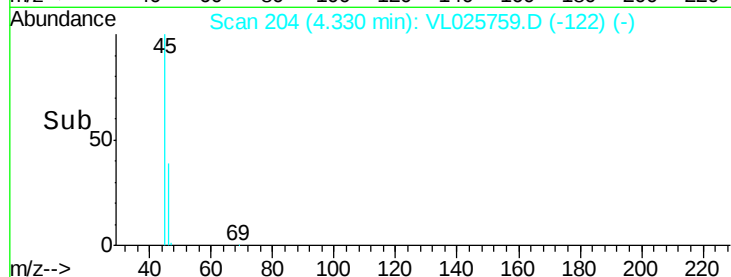
400000

200000

0

Time-->

4.20 4.30 4.40 4.50



#15

Acetone

Concen: 14.98 ppbv

RT: 4.59 min Scan# 247

Delta R.T. -0.01 min

Lab File: VL025759.D

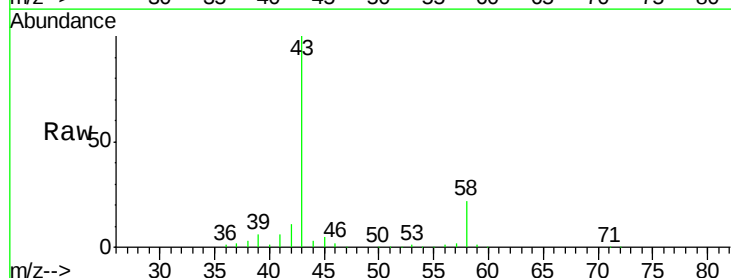
Acq: 27 Jul 2015 18:55

Tgt Ion: 43 Resp: 2150785

Ion Ratio Lower Upper

43 100

58 22.8 17.2 25.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.59

1200000

1000000

800000

600000

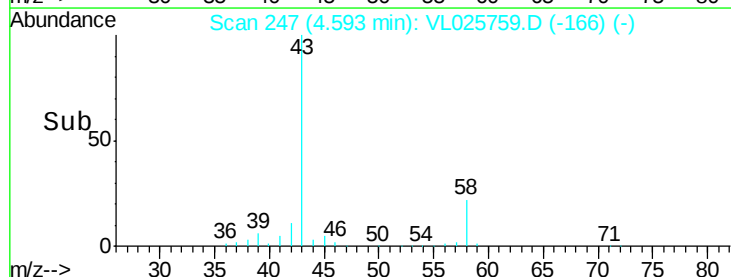
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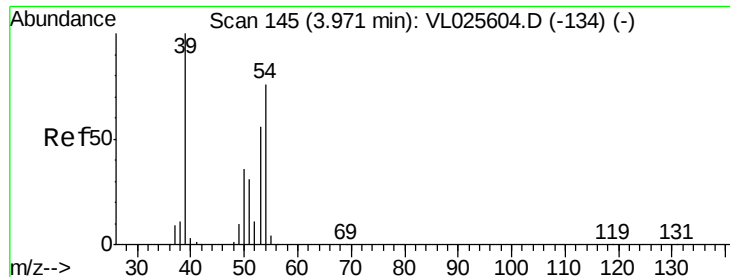
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Time-->

4.50 4.55 4.60 4.65

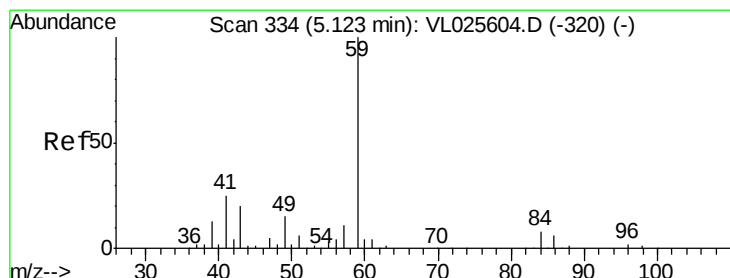
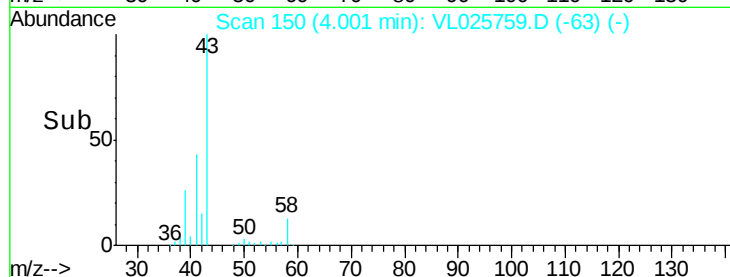
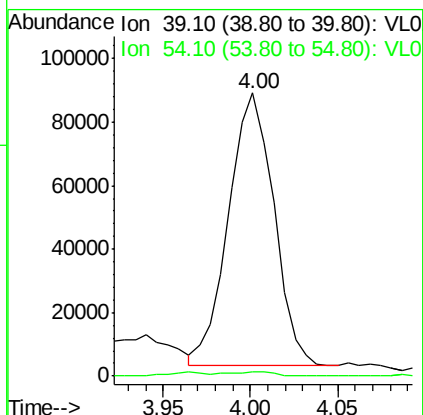
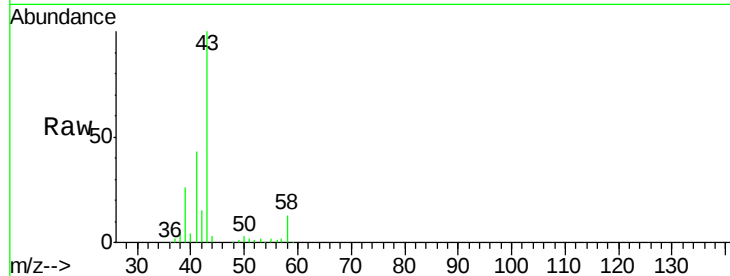




#16
 1,3-Butadiene
 Concen: 2.70 ppbv
 RT: 4.00 min Scan# 150
 Delta R.T. 0.03 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

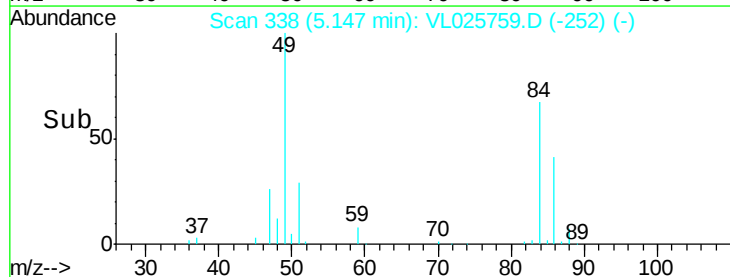
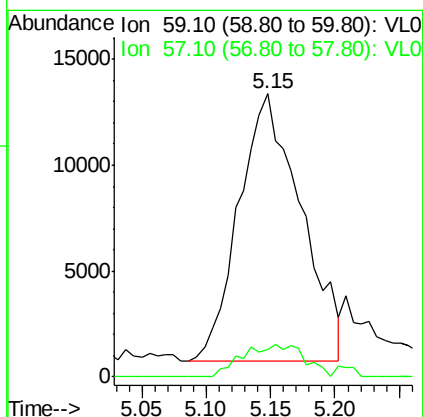
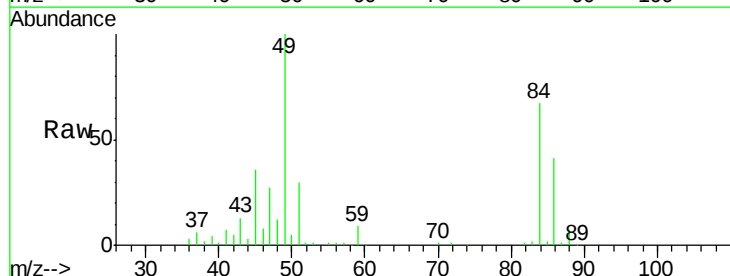
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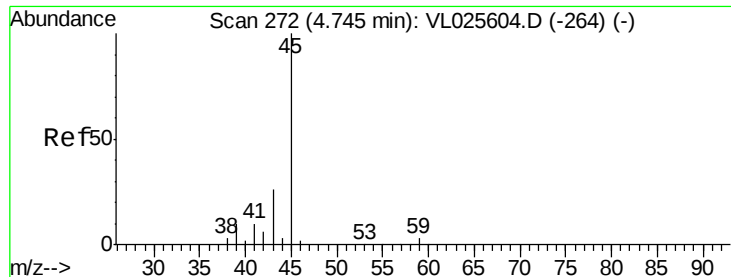
Tot Ion: 39 Resp: 154252
 Ion Ratio Lower Upper
 39 100
 54 2.7 59.3 88.9#



#17
 tert-Butyl alcohol
 Concen: 0.35 ppbv
 RT: 5.15 min Scan# 338
 Delta R.T. 0.02 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Tgt Ion: 59 Resp: 42446
 Ion Ratio Lower Upper
 59 100
 57 13.1 9.4 14.2



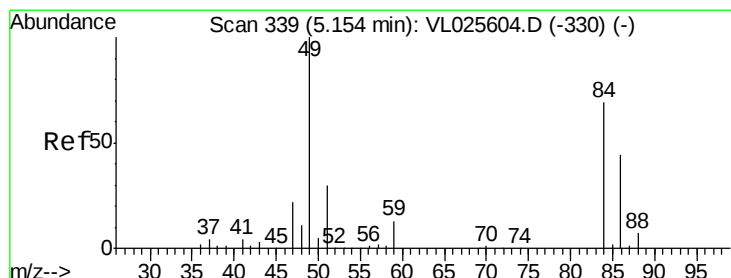
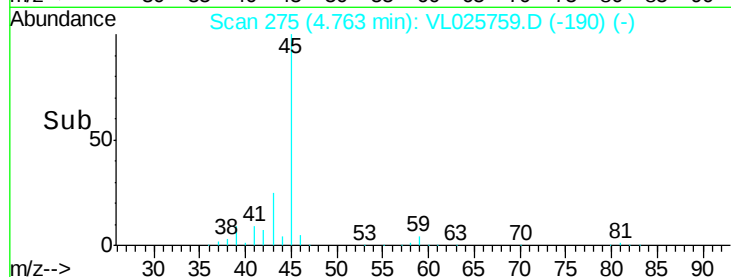
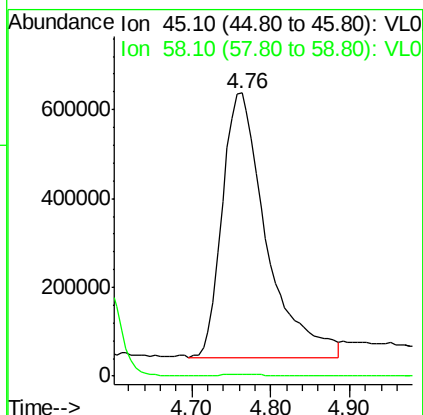
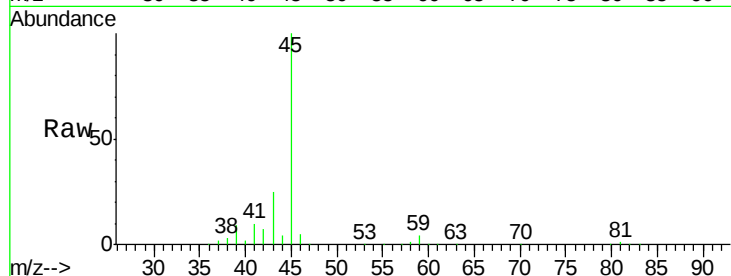


#19

Isopropyl Alcohol
 Concen: 40.24 ppbv
 RT: 4.76 min Scan# 275
 Delta R.T. 0.02 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-I

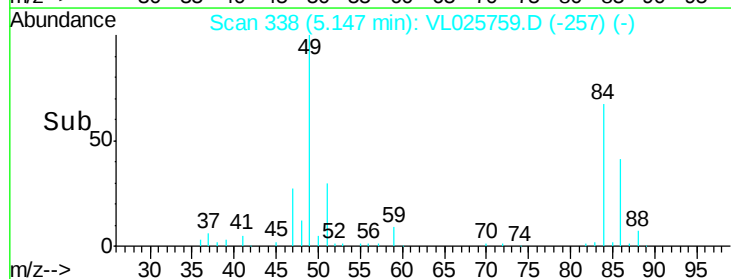
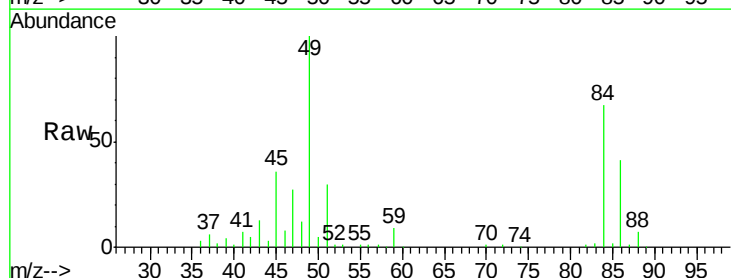
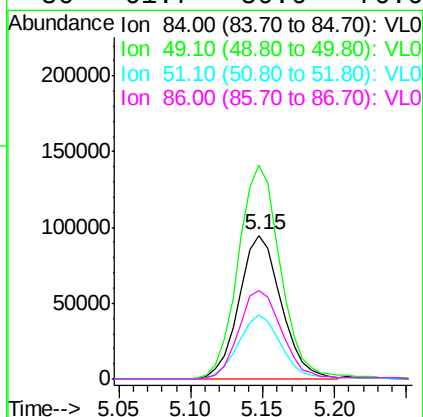
Tot Ion: 45 Resp: 2306816
 Ion Ratio Lower Upper
 45 100
 58 0.7 1.1 1.7#

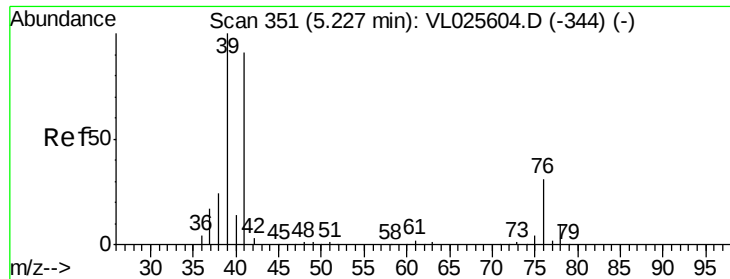


#20

Methylene Chloride
 Concen: 3.30 ppbv
 RT: 5.15 min Scan# 338
 Delta R.T. -0.01 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Tgt Ion: 84 Resp: 192826
 Ion Ratio Lower Upper
 84 100
 49 148.9 115.2 172.8
 51 44.3 35.0 52.6
 86 61.7 50.6 76.0





#21

Allvl Chloride

Concen: 0.27 ppbv

RT: 5.15 min Scan# 339

Delta R.T. -0.07 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

A-217-I

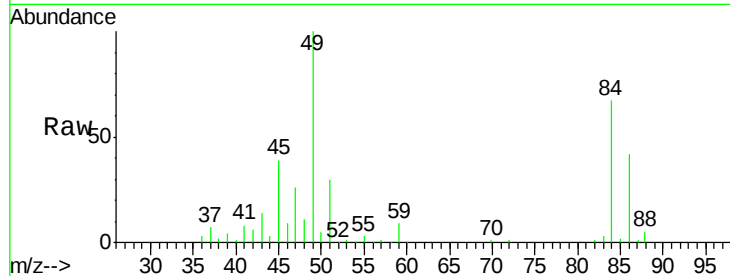
Tot Ion: 41 Resp: 24586

Ion Ratio Lower Upper

41 100

76 0.0 26.6 40.0#

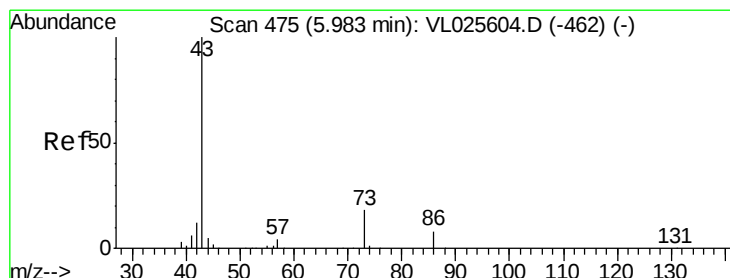
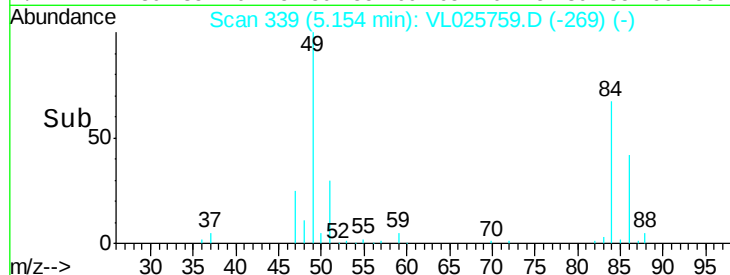
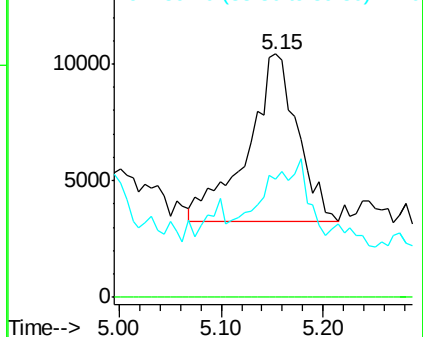
39 100.3 88.2 132.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#23

Vinyl Acetate

Concen: 0.47 ppbv

RT: 6.00 min Scan# 478

Delta R.T. 0.02 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Tgt Ion: 43 Resp: 102067

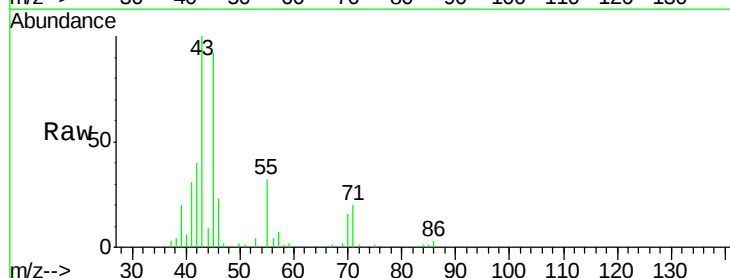
Ion Ratio Lower Upper

43 100

86 4.5 6.7 10.1#

42 40.2 9.8 14.6#

44 1.0 4.1 6.1#

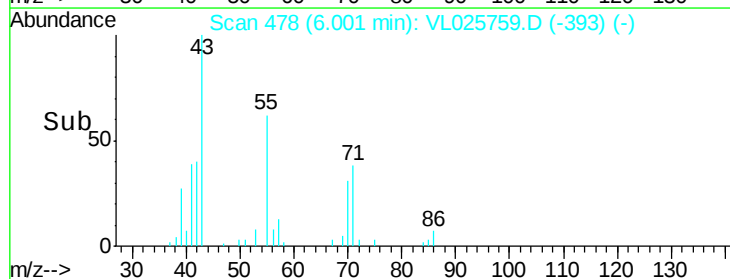
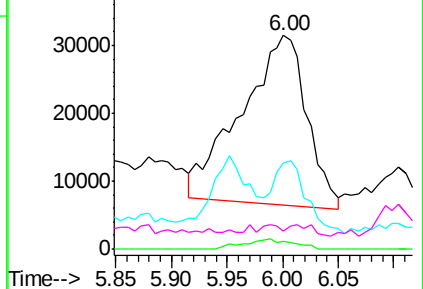


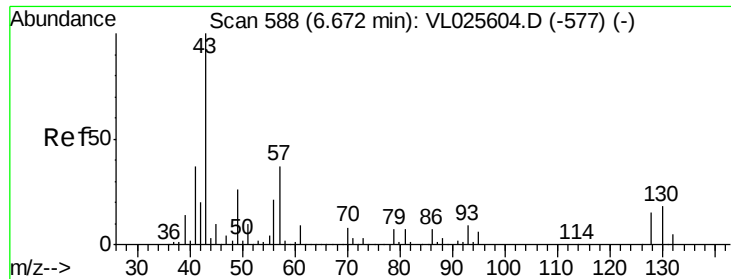
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0

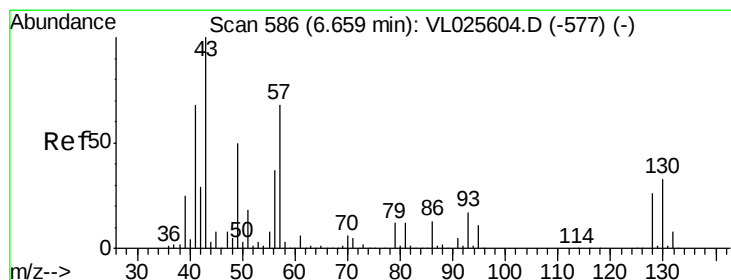
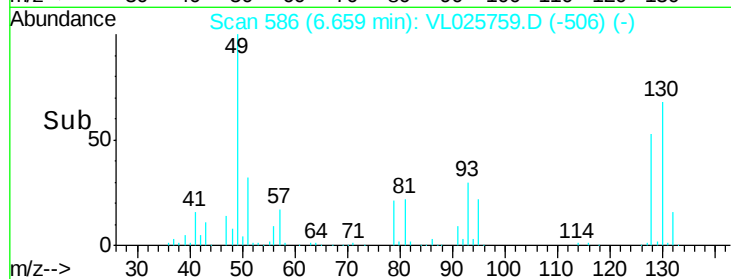
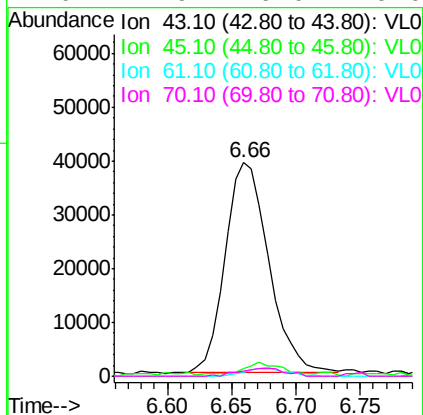
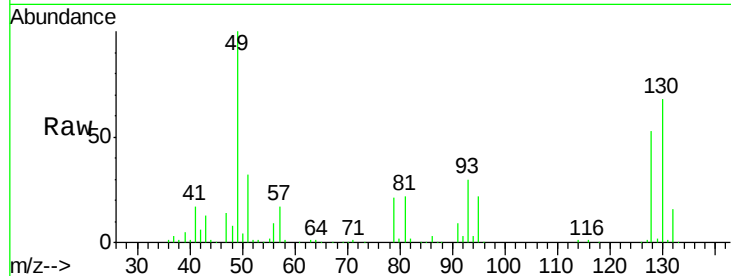




#25
Ethyl Acetate
Concen: 0.42 ppbv
RT: 6.66 min Scan# 586
Delta R.T. -0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

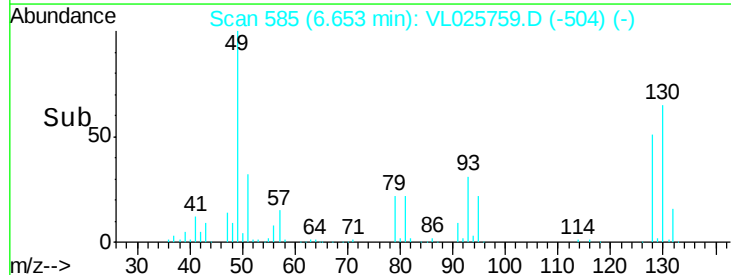
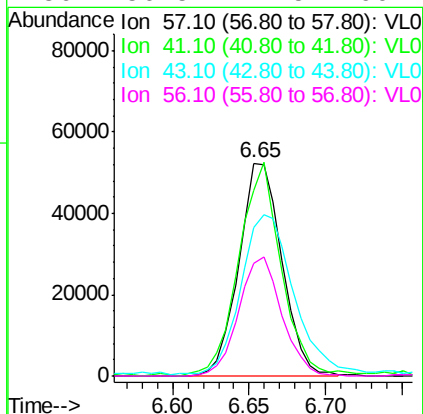
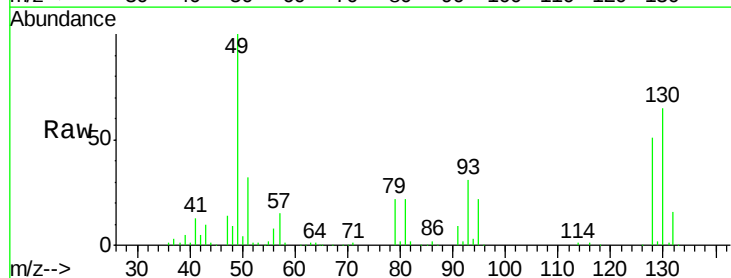
Instrument :
MSVOA_L
ClientSampleId :
A-217-I

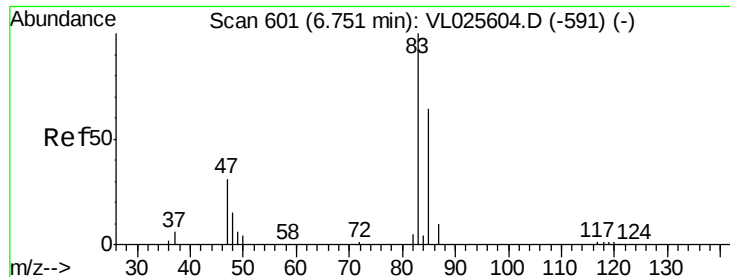
Tot Ion:	43	Resp:	92274
Ion	Ratio	Lower	Upper
43	100		
45	8.1	7.5	11.3
61	3.6	6.6	10.0#
70	4.9	6.0	9.0#



#26
Hexane
Concen: 1.00 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

Tgt Ion:	57	Resp:	102185
Ion	Ratio	Lower	Upper
57	100		
41	101.1	81.4	122.2
43	94.9	171.4	257.2#
56	56.5	44.5	66.7

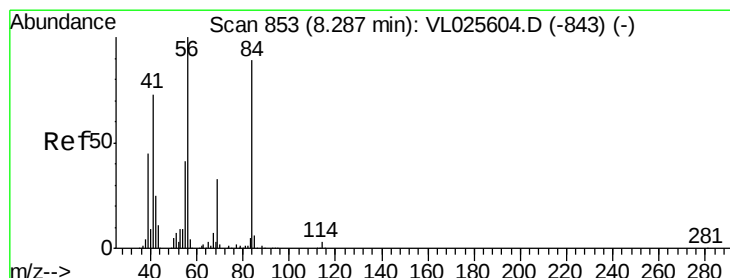
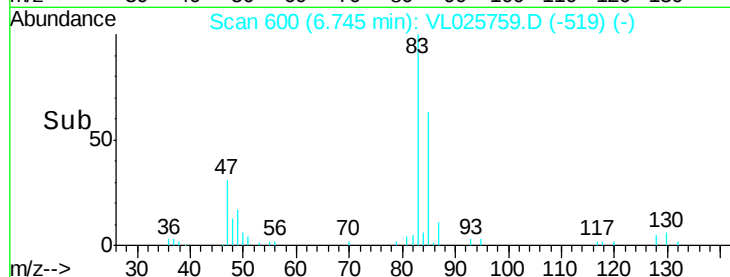
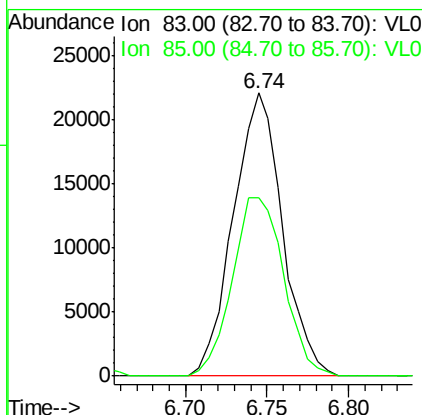
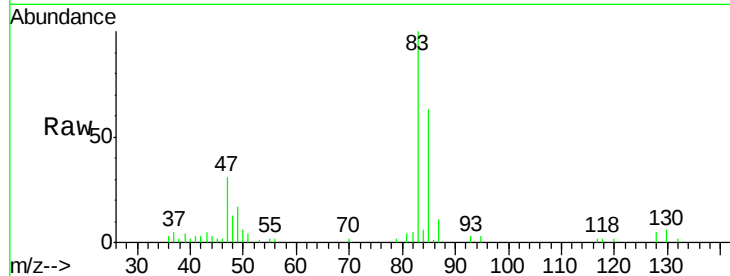




#29
Chloroform
Concen: 0.23 ppbv
RT: 6.74 min Scan# 600
Delta R.T. -0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

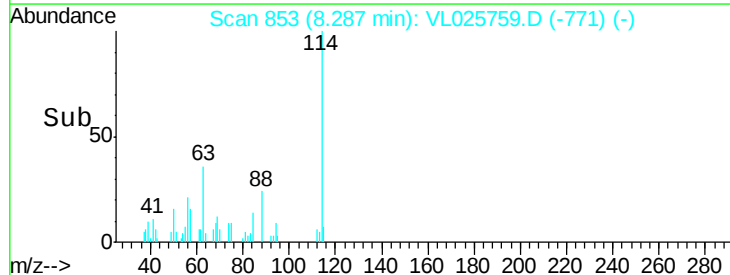
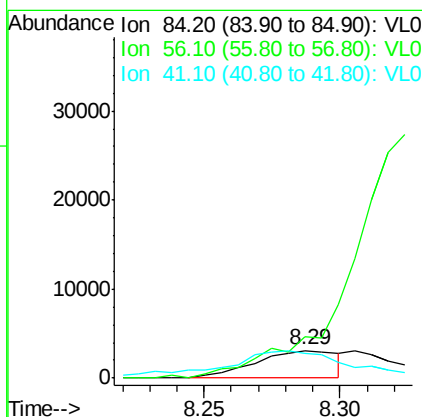
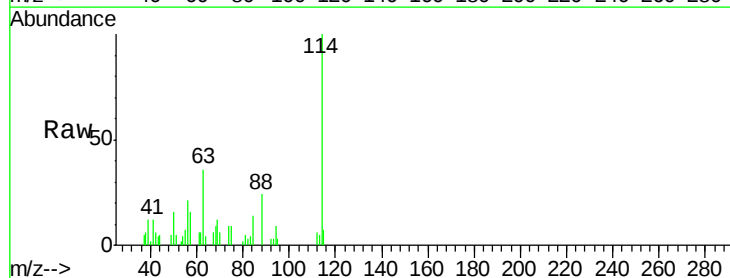
Instrument :
MSVOA_L
ClientSampleId :
A-217-I

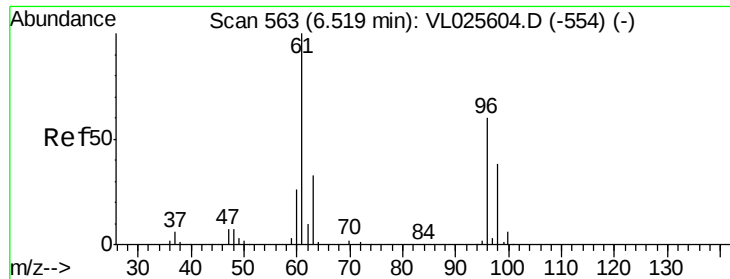
Tot Ion: 83 Resp: 46436
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4



#30
Cyclohexane
Concen: 0.07 ppbv
RT: 8.29 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

Tgt Ion: 84 Resp: 6452
Ion Ratio Lower Upper
84 100
56 0.0 97.5 146.3#
41 119.2 65.4 98.2#





#31

cis-1,2-Dichloroethene

Concen: 0.03 ppbv

RT: 6.68 min Scan# 589

Delta R.T. 0.16 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

A-217-I

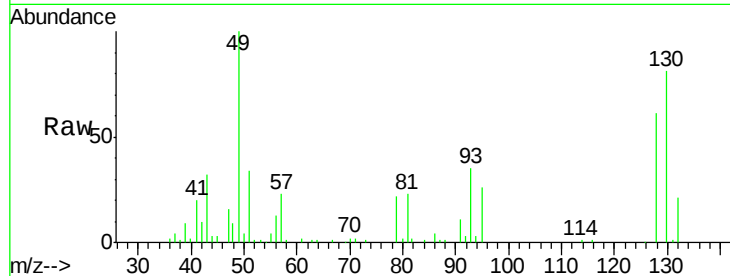
Tot Ion: 61 Resp: 3247

Ion Ratio Lower Upper

61 100

96 0.0 48.1 72.1#

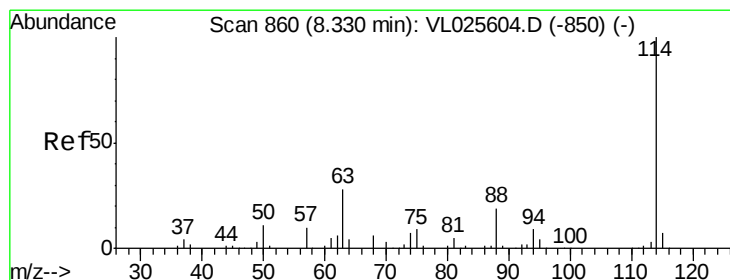
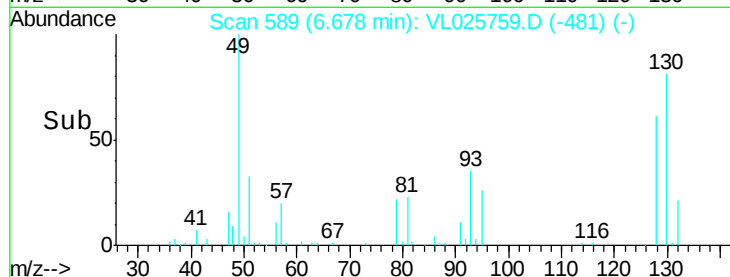
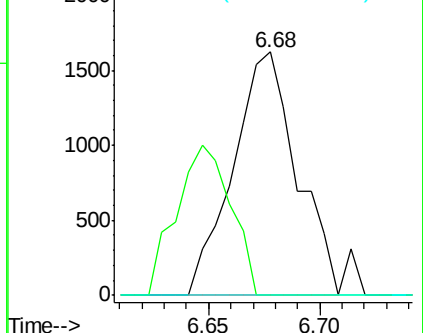
98 0.0 30.7 46.1#



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.32 min Scan# 859

Delta R.T. -0.01 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

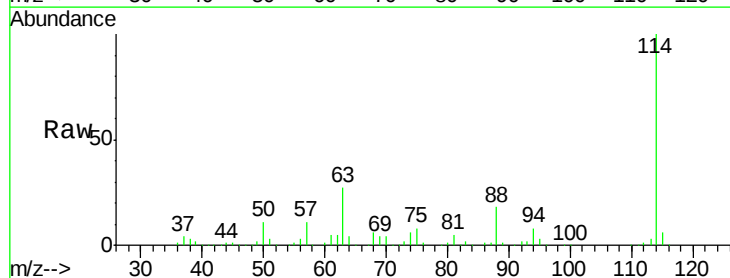
Tgt Ion: 114 Resp: 2104580

Ion Ratio Lower Upper

114 100

63 26.6 22.4 33.6

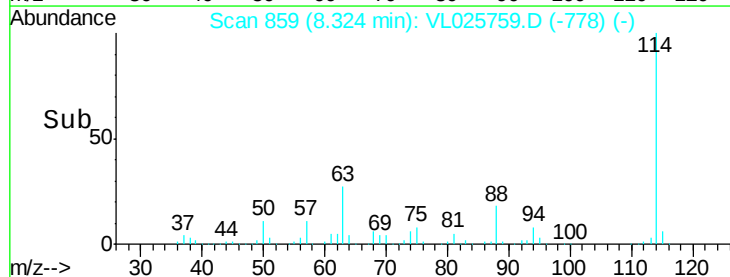
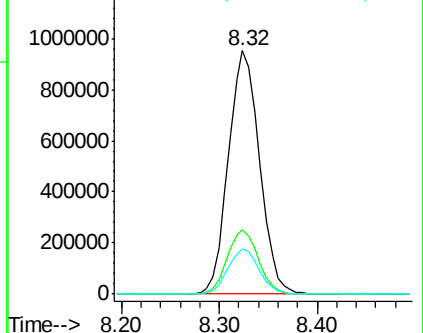
88 18.5 15.0 22.4

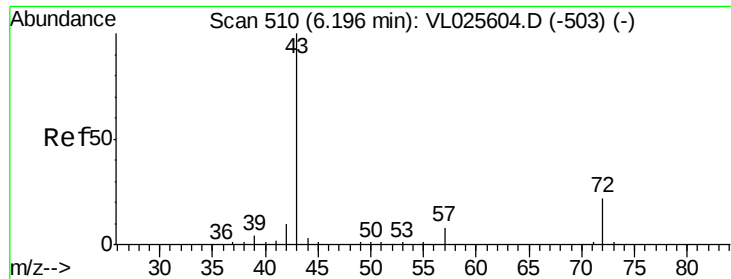


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 0.40 ppbv

RT: 6.20 min Scan# 510

Delta R.T. -0.00 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

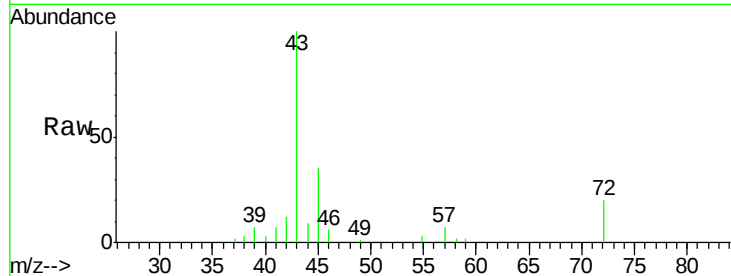
A-217-I

Tot Ion: 43 Resp: 48290

Ion Ratio Lower Upper

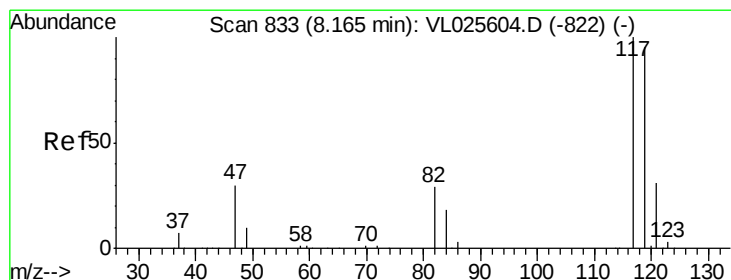
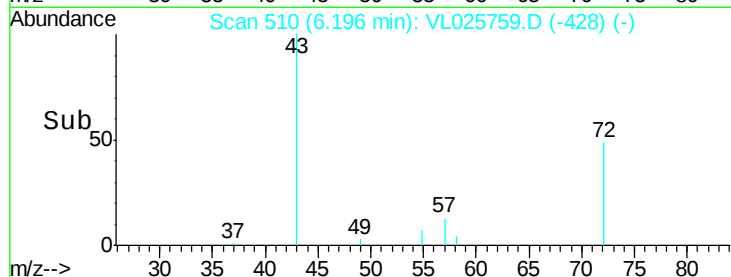
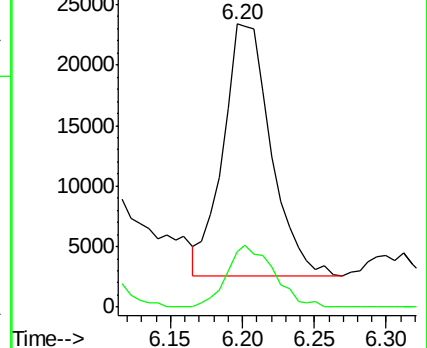
43 100

72 24.2 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



#35

Carbon Tetrachloride

Concen: 0.05 ppbv

RT: 8.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

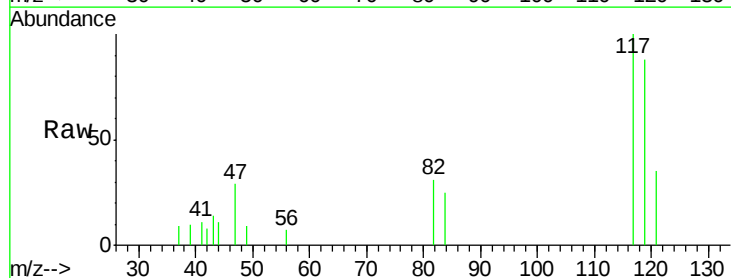
Tgt Ion: 117 Resp: 11592

Ion Ratio Lower Upper

117 100

119 88.0 75.9 113.9

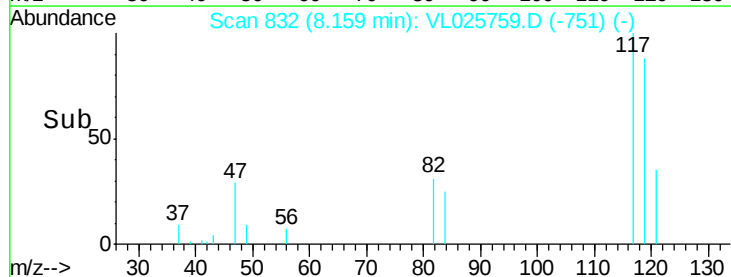
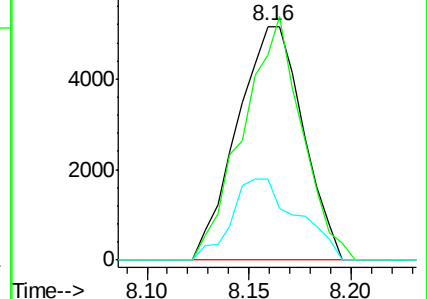
121 34.6 24.4 36.6

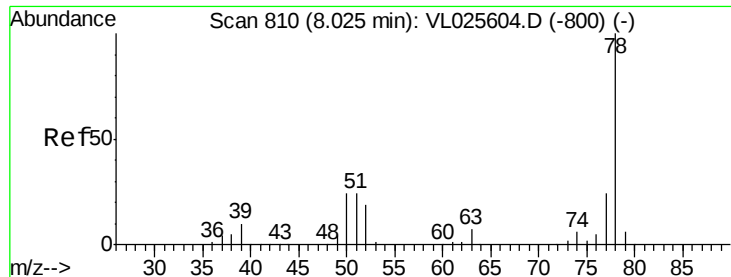


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

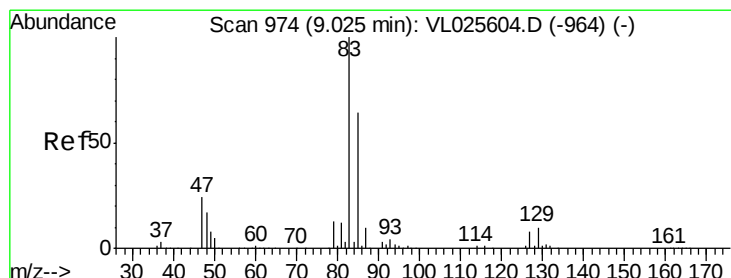
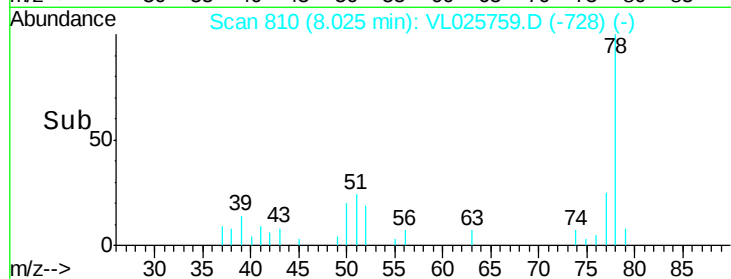
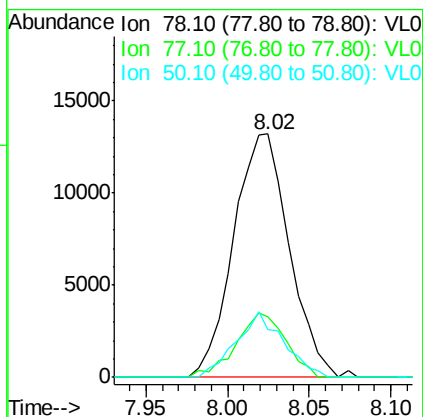
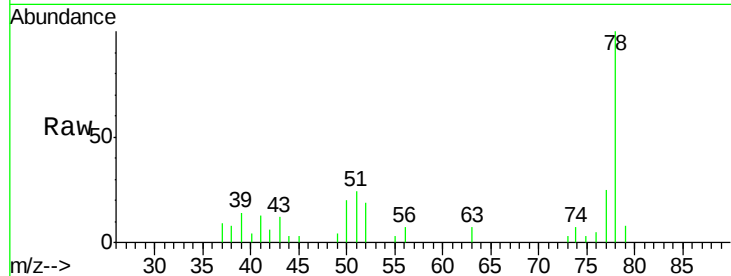




#36
Benzene
Concen: 0.15 ppbv
RT: 8.02 min Scan# 810
Delta R.T. -0.00 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

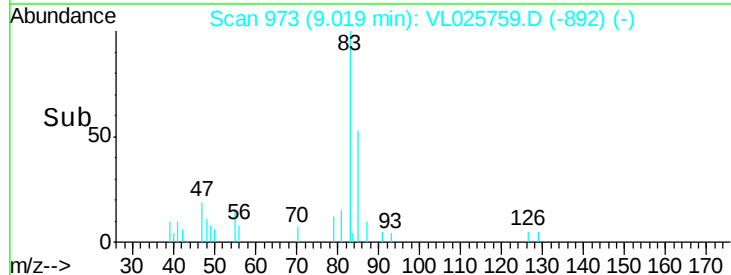
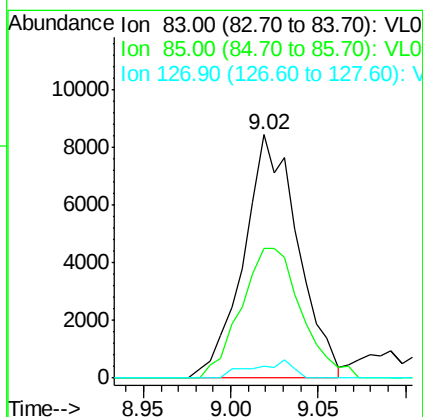
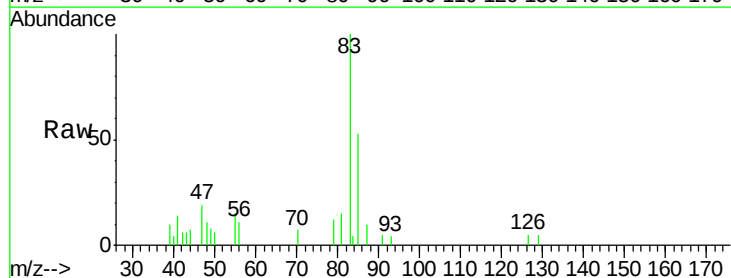
Instrument :
MSVOA_L
ClientSampleId :
A-217-I

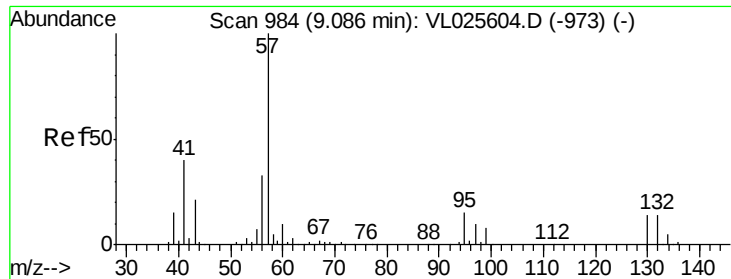
Tot Ion: 78 Resp: 31195
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4
50 19.6 19.2 28.8



#42
Bromodichloromethane
Concen: 0.09 ppbv
RT: 9.02 min Scan# 973
Delta R.T. -0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

Tgt Ion: 83 Resp: 18245
Ion Ratio Lower Upper
83 100
85 53.0 51.3 76.9
127 5.2 6.0 9.0#





#44

2,2,4-Trimethylpentane

Concen: 0.20 ppbv

RT: 9.09 min Scan# 984

Delta R.T. -0.00 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

A-217-I

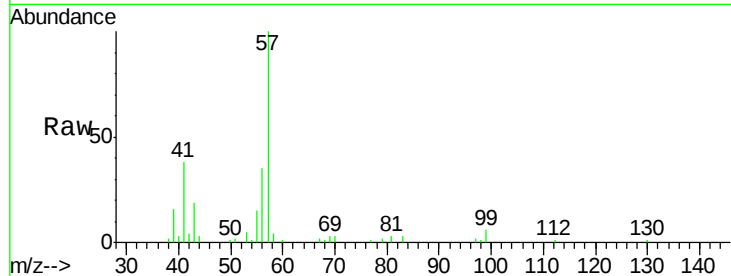
Tot Ion: 57 Resp: 69043

Ion Ratio Lower Upper

57 100

41 53.1 31.2 46.8#

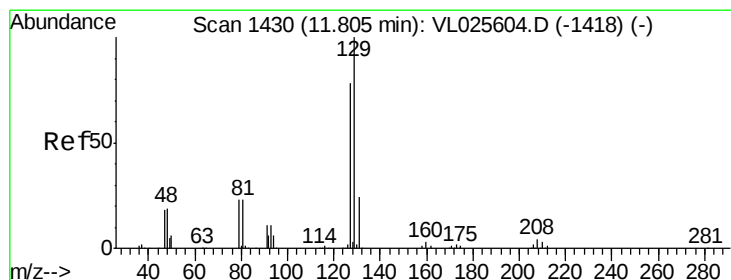
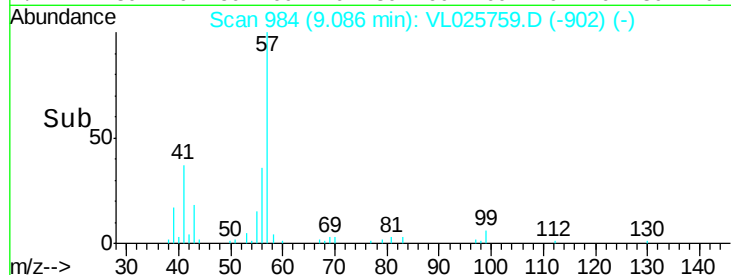
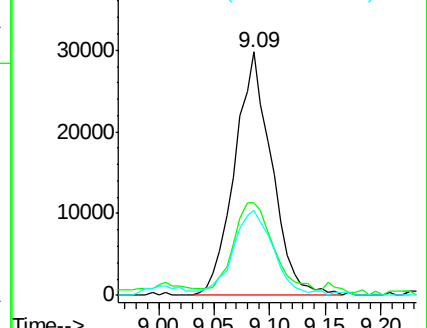
56 42.6 25.4 38.2#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#48

Dibromochloromethane

Concen: 0.04 ppbv

RT: 11.80 min Scan# 1430

Delta R.T. -0.00 min

Lab File: VL025759.D

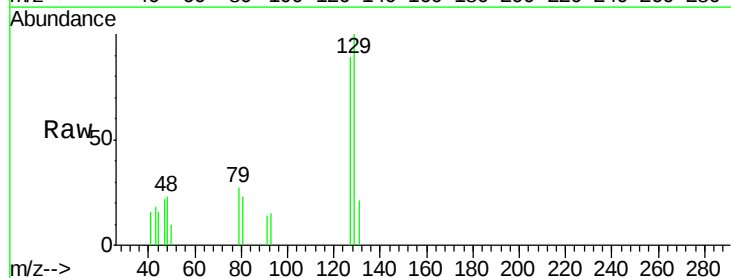
Acq: 27 Jul 2015 18:55

Tgt Ion: 129 Resp: 7898

Ion Ratio Lower Upper

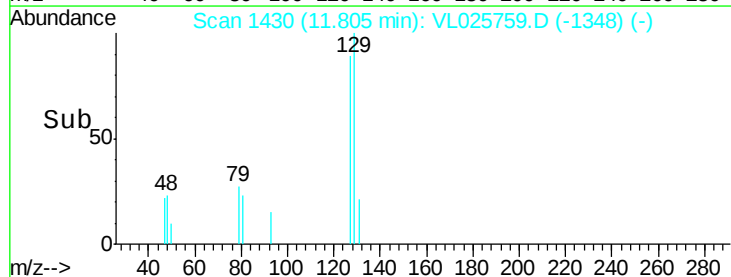
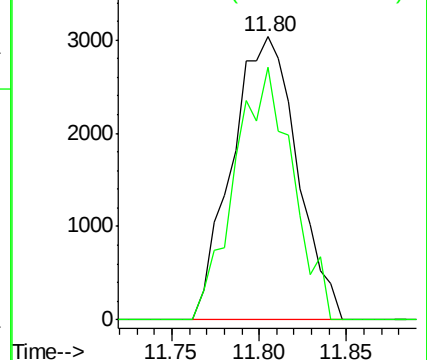
129 100

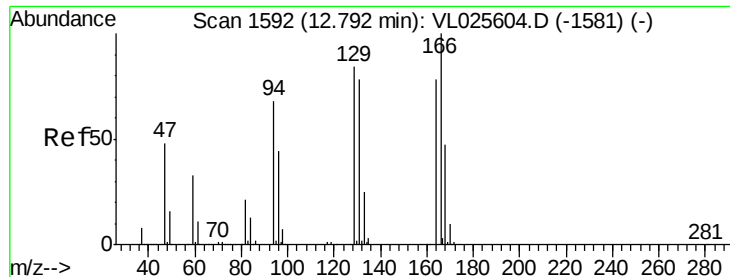
127 79.0 39.0 116.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#52

Tetrachloroethene

Concen: 0.68 ppbv

RT: 12.80 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

A-217-I

Tot Ion:164 Resp: 68307

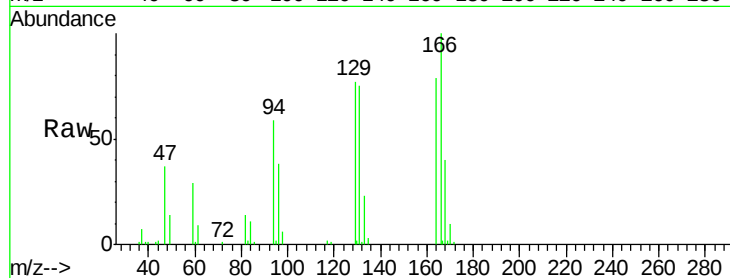
Ion Ratio Lower Upper

164 100

166 123.9 102.3 153.5

129 95.7 86.2 129.4

131 94.2 80.3 120.5

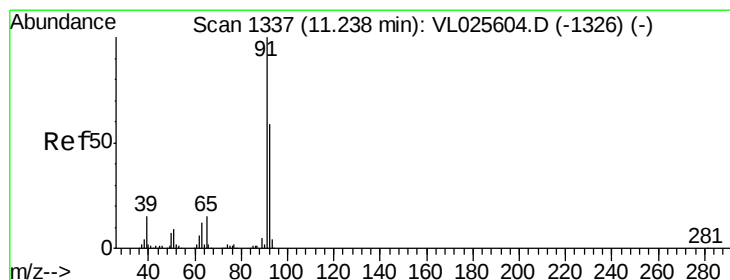
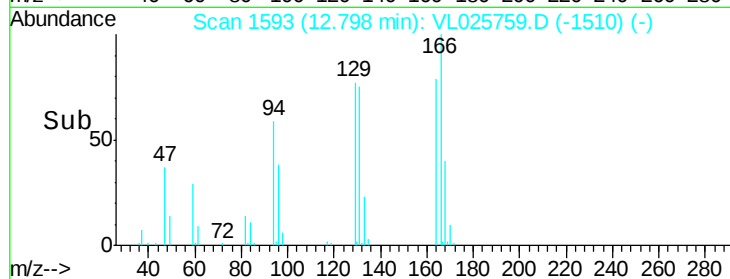
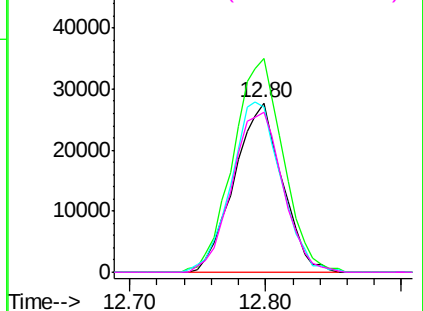


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.46 ppbv

RT: 11.24 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VL025759.D

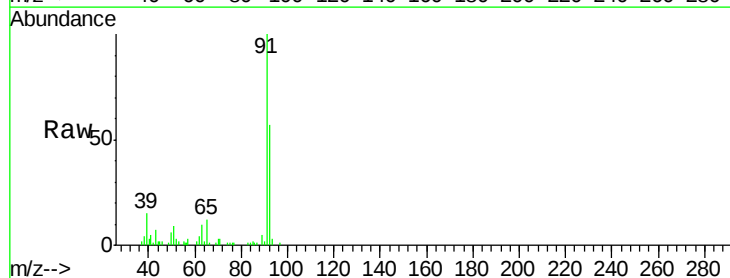
Acq: 27 Jul 2015 18:55

Tgt Ion: 91 Resp: 129176

Ion Ratio Lower Upper

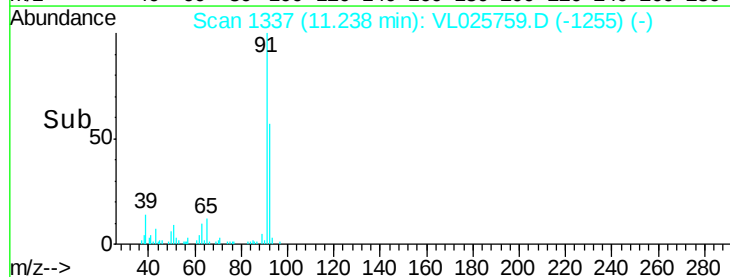
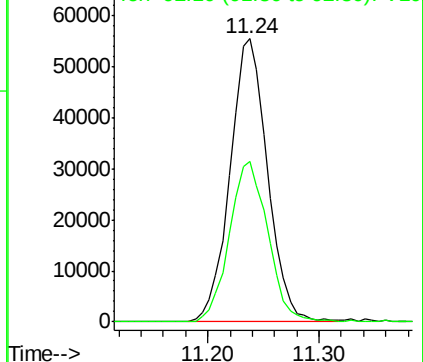
91 100

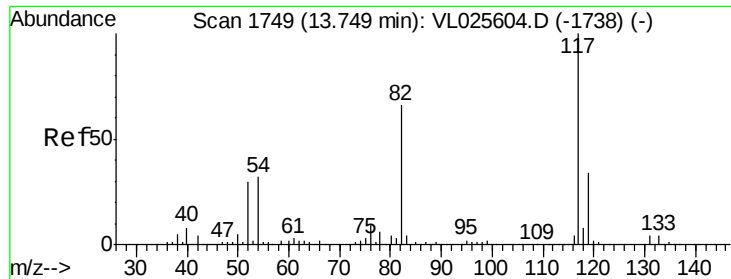
92 58.3 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

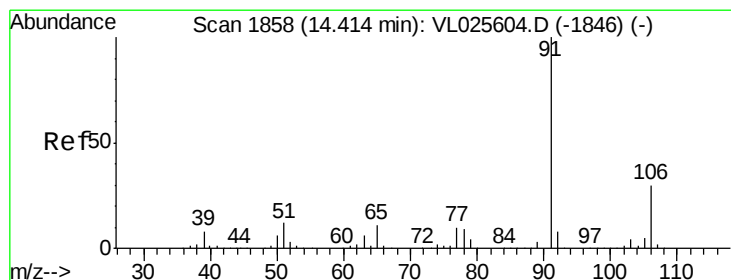
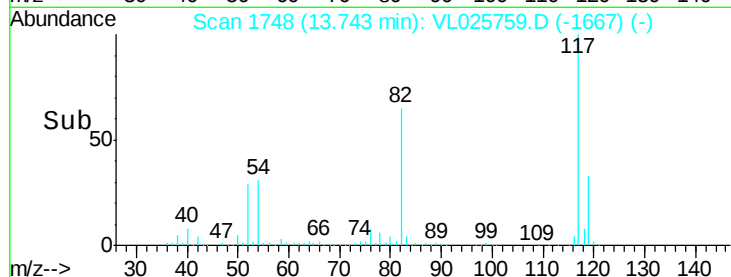
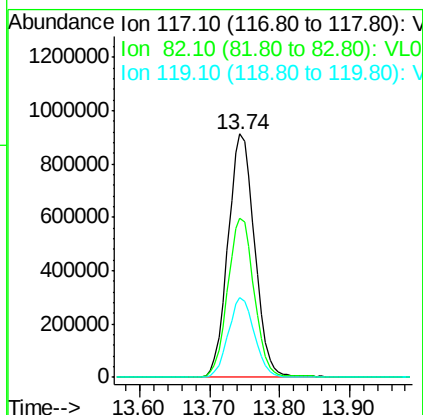
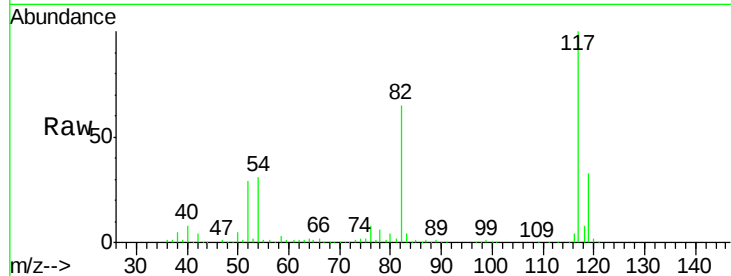




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

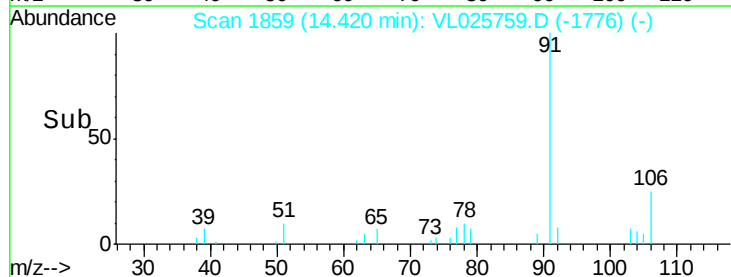
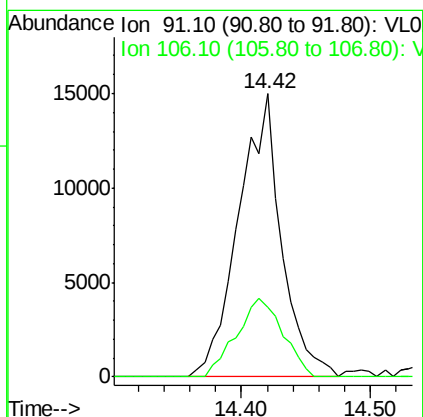
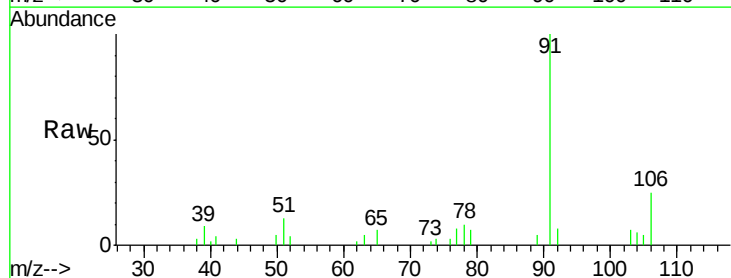
Instrument :
MSVOA_L
ClientSampleId :
A-217-I

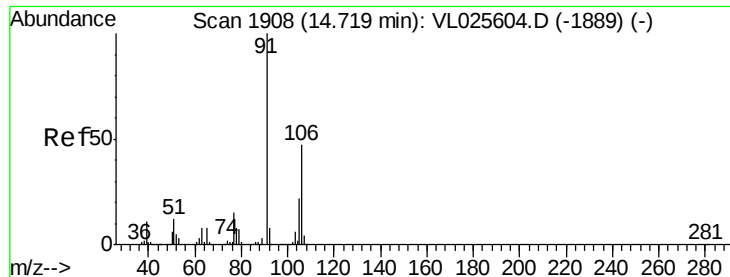
Tot Ion:117 Resp: 2412827
Ion Ratio Lower Upper
117 100
82 65.5 50.5 75.7
119 32.4 45.1 67.7#



#58
Ethyl Benzene
Concen: 0.09 ppbv
RT: 14.42 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

Tgt Ion: 91 Resp: 34467
Ion Ratio Lower Upper
91 100
106 24.8 24.2 36.2

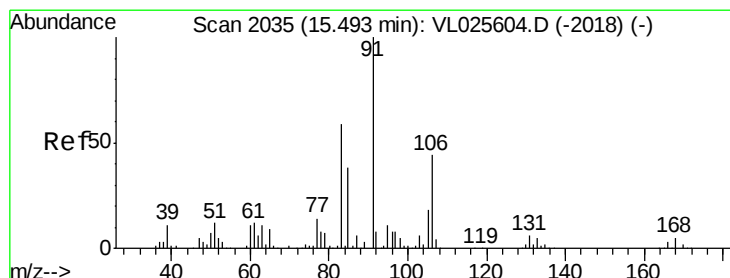
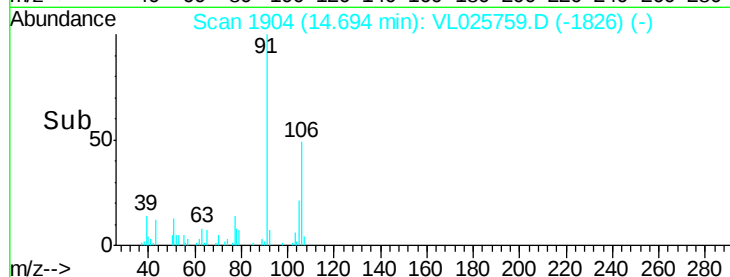
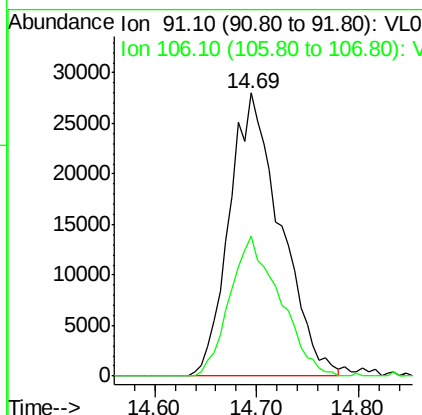
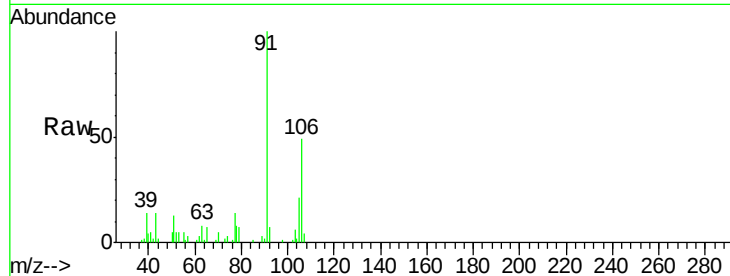




#59
m/p-Xylene
Concen: 0.28 ppbv
RT: 14.69 min Scan# 1904
Delta R.T. -0.02 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

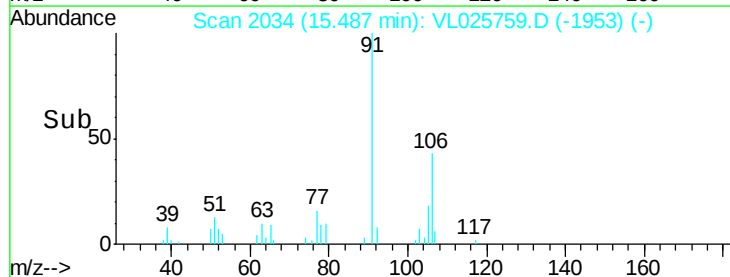
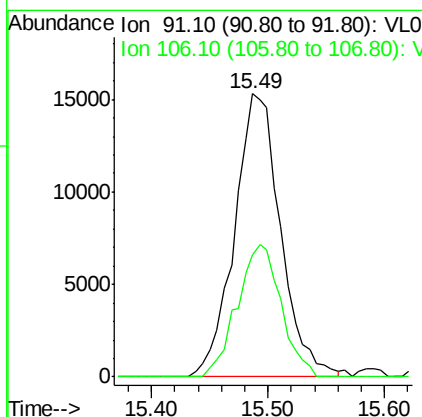
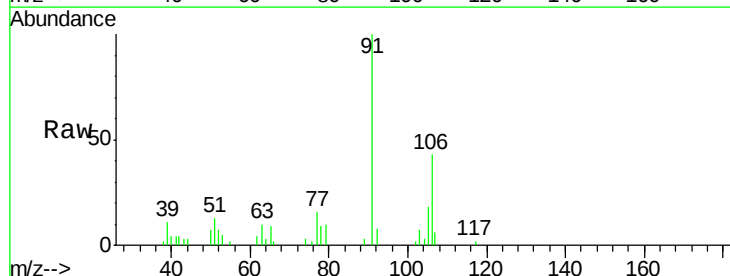
Instrument :
MSVOA_L
ClientSampleId :
A-217-I

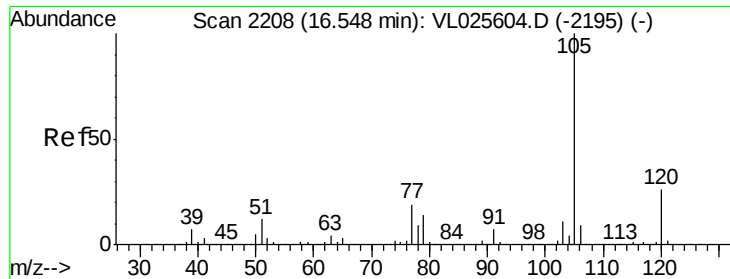
Tot Ion: 91 Resp: 98032
Ion Ratio Lower Upper
91 100
106 48.0 37.9 56.9



#60
o-Xylene
Concen: 0.11 ppbv
RT: 15.49 min Scan# 2034
Delta R.T. -0.01 min
Lab File: VL025759.D
Acq: 27 Jul 2015 18:55

Tgt Ion: 91 Resp: 42161
Ion Ratio Lower Upper
91 100
106 44.3 22.1 66.1





#62

Isopropylbenzene

Concen: 0.03 ppbv

RT: 16.55 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VL025759.D

Acq: 27 Jul 2015 18:55

Instrument :

MSVOA_L

ClientSampleId :

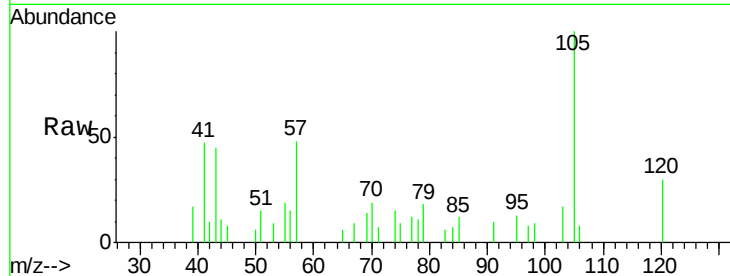
A-217-I

Tot Ion:105 Resp: 15157

Ion Ratio Lower Upper

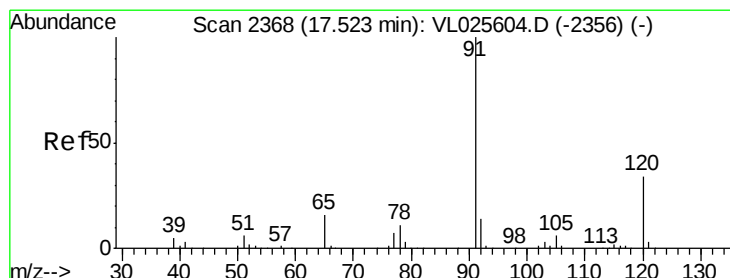
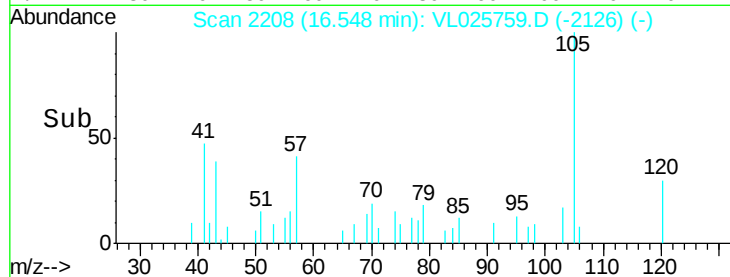
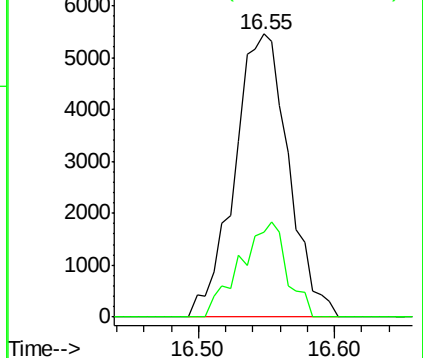
105 100

120 28.9 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.11 ppbv

RT: 17.52 min Scan# 2367

Delta R.T. -0.01 min

Lab File: VL025759.D

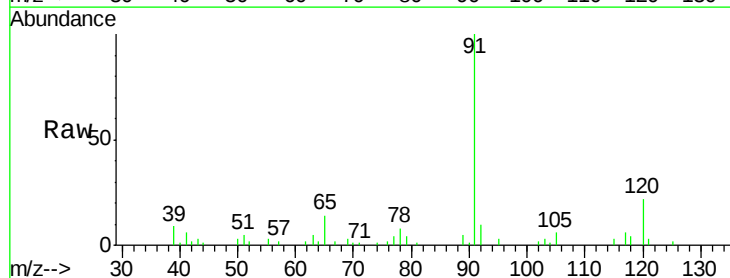
Acq: 27 Jul 2015 18:55

Tgt Ion:120 Resp: 14386

Ion Ratio Lower Upper

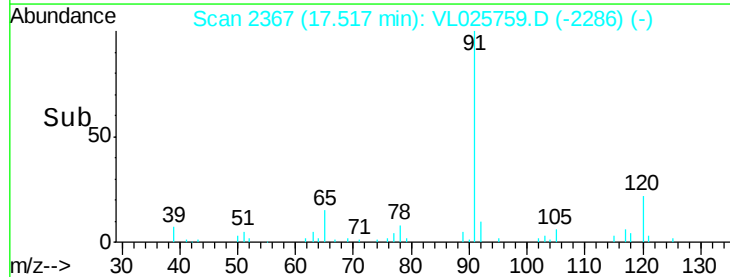
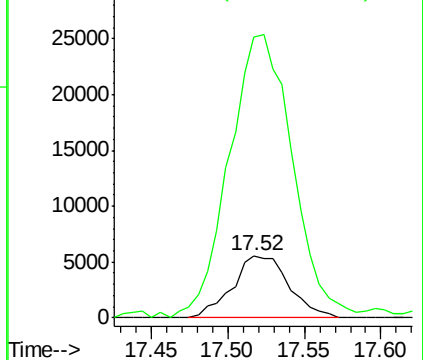
120 100

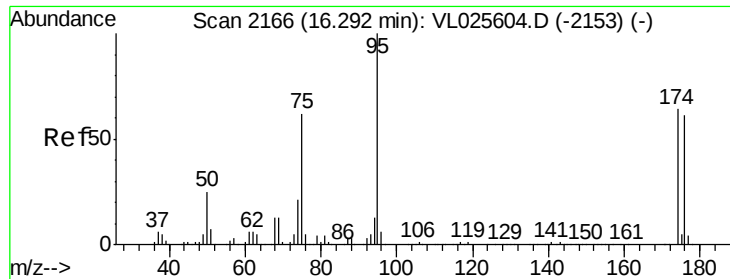
91 525.6 370.5 555.7



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

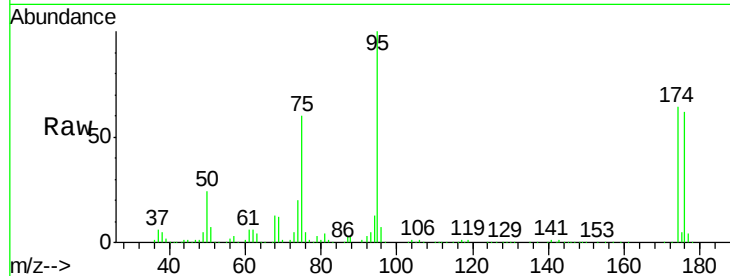




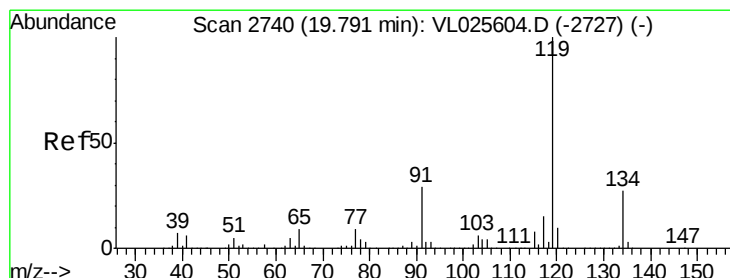
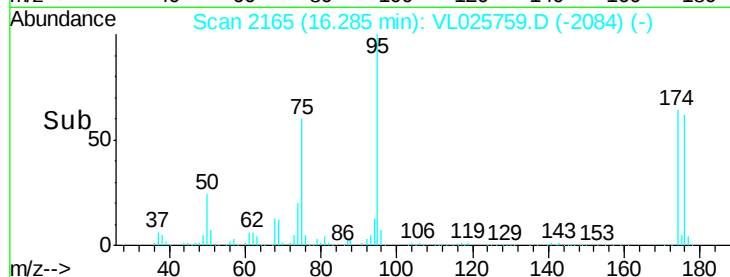
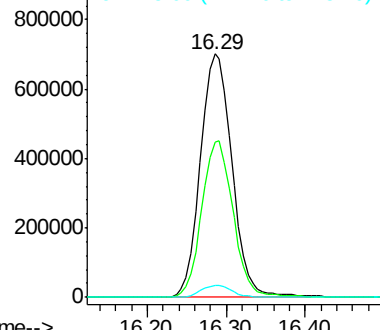
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.64 ppbv
 RT: 16.29 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-I

Tot Ion: 95 Resp: 1962680
 Ion Ratio Lower Upper
 95 100
 174 64.0 52.0 78.0
 175 4.9 3.9 5.9

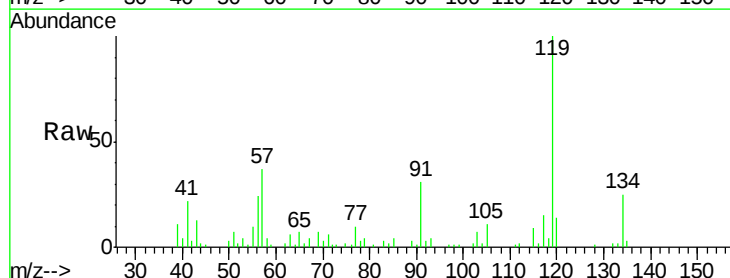


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

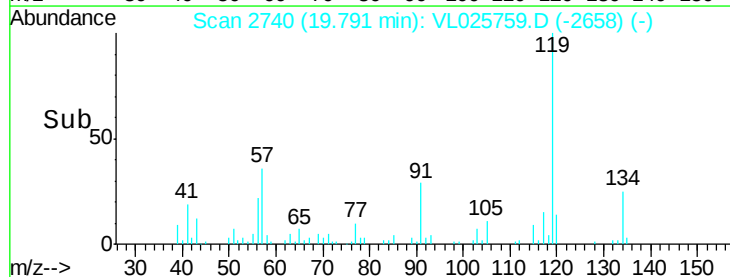
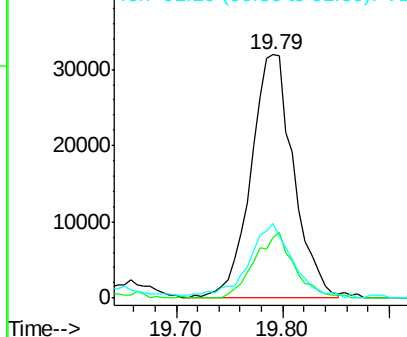


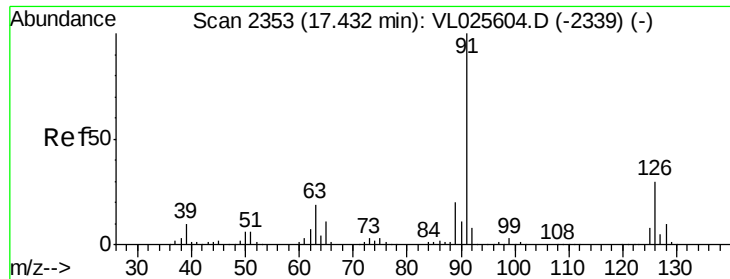
#69
 p-Isopropyltoluene
 Concen: 0.16 ppbv
 RT: 19.79 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Tgt Ion: 119 Resp: 89848
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.7 31.1
 91 32.6 22.6 34.0



Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): VL0

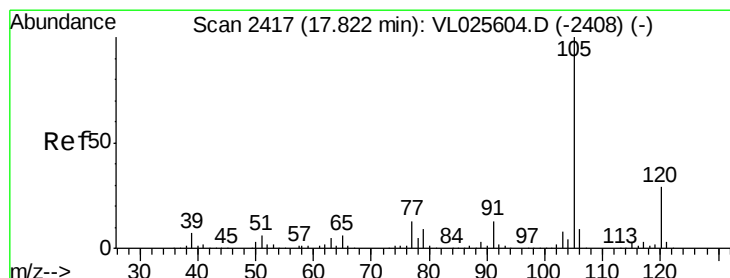
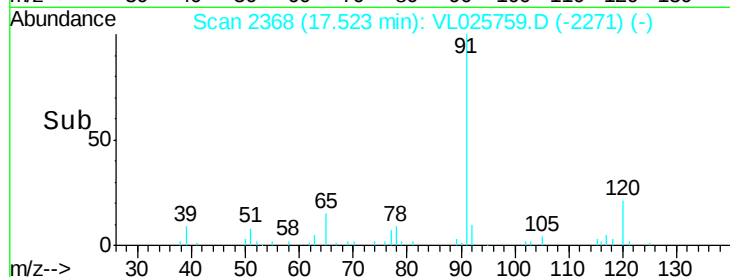
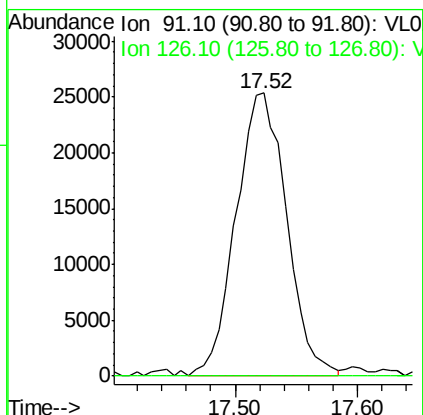
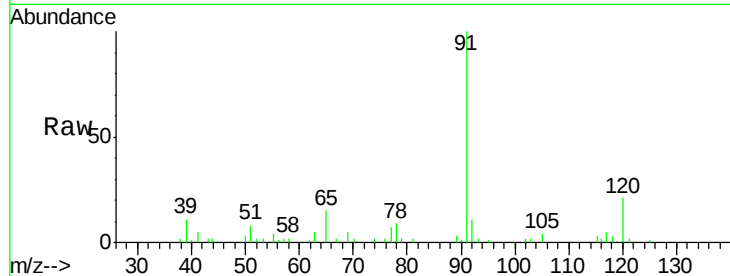




#71
 2-Chlorotoluene
 Concen: 0.20 ppbv
 RT: 17.52 min Scan# 2368
 Delta R.T. 0.09 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

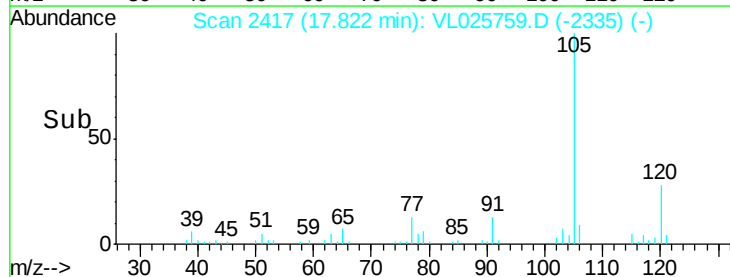
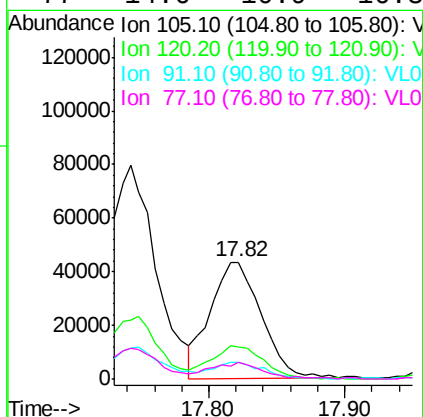
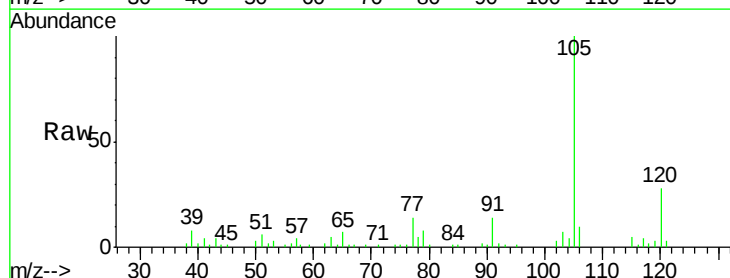
Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-I

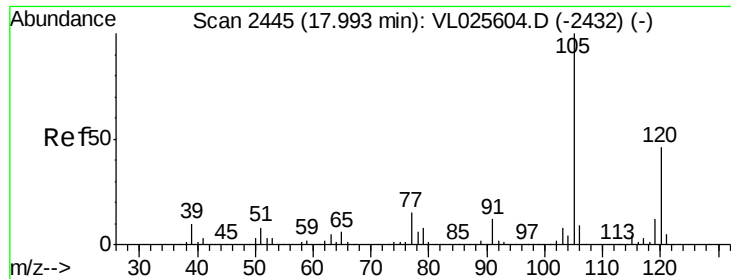
Tot Ion: 91 Resp: 72826
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.2 49.0#



#72
 4-Ethyltoluene
 Concen: 0.27 ppbv
 RT: 17.82 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Tgt Ion:105 Resp: 112988
 Ion Ratio Lower Upper
 105 100
 120 28.1 23.9 35.9
 91 13.2 10.3 15.5
 77 14.6 10.9 16.3

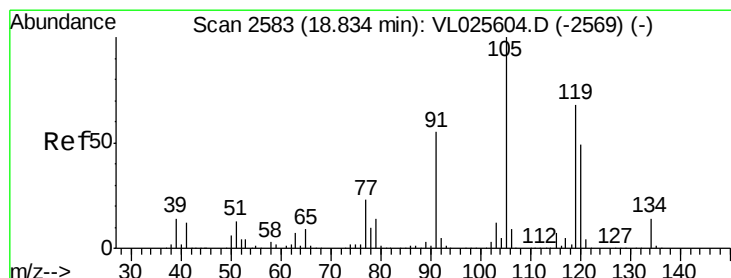
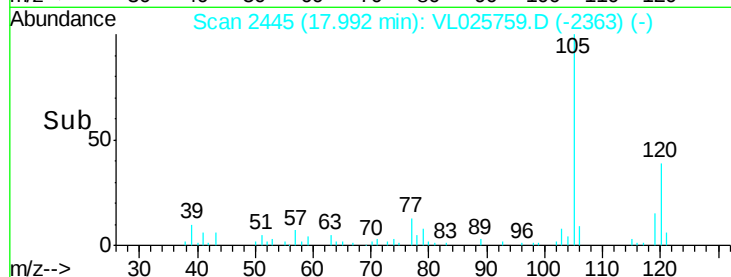
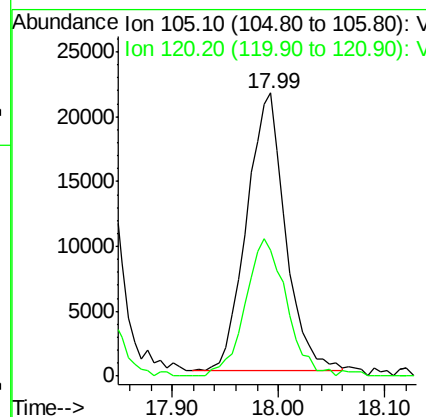
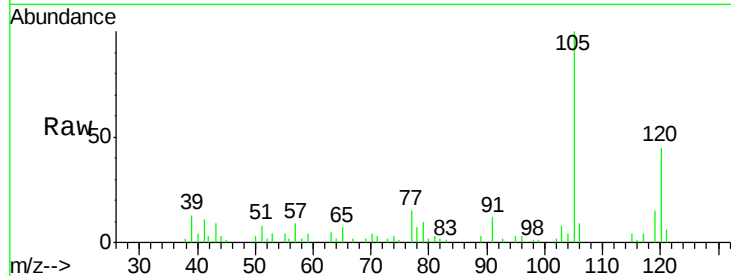




#73
 1,3,5-Trimethylbenzene
 Concen: 0.13 ppbv
 RT: 17.99 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Instrument :
 MSVOA_L
 ClientSampleId :
 A-217-I

Tot Ion:105 Resp: 54714
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.23 ppbv
 RT: 18.83 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VL025759.D
 Acq: 27 Jul 2015 18:55

Tgt Ion:105 Resp: 103427
 Ion Ratio Lower Upper
 105 100
 120 40.1 39.3 58.9
 91 13.8 43.8 65.6#
 77 14.9 18.3 27.5#

